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# SCHULTZ'S SEEDS 1917

SCHULTZ'S SEED STORE  
304 TENTH ST. N.W. THROUGH TO 1005 C ST.  
WASHINGTON D. C.

# 1917 SCHULTZ'S 1917 SEED ANNUAL

Over 25 Years in the Seed Business  
"SCHULTZ'S SEEDS" have high germinating power  
and grow desired crops

Washington, D. C., January, 1917.

The attention of our customers is respectfully called to the following directions, which will, if followed, be an aid to purchasers as well as ourselves.



**ORDER EARLY.** It will greatly facilitate shipments if orders are sent in early. We aim to send off all orders the same or next day after receipt, but during the rush season this is impossible—hence the advisability of ordering early.

**PRICES AND TERMS.** The prices quoted are those ruling at this date, and are Subject to Fluctuation Without Notice. Our terms of payment are Net Cash.

**REMITTANCES** should be made by Post Office Money Orders, Drafts on Washington Banks, or Express Money Orders. We disclaim all responsibility when remittances are not made as above directed. Where it is not possible to obtain these, the letter should be registered. Postage stamps will be found a convenient method of remitting for small amounts, and can be used by us to advantage. Coin should not be sent by mail. We must decline sending goods C. O. D. unless 25 per cent. of their value accompanies the order. Plants we do not ship C. O. D.

**ACCOUNTS.** Parties having no account with us—who order goods without remittance—must furnish satisfactory reference. Washington City reference preferred on account of the shorter delay pending investigation.

**WE DELIVER FREE IN THE UNITED STATES** to any Post Office, Railroad Express Office or Station, at our option, all Vegetable and Flower Seeds at the packet, ounce and ¼-pound prices. Purchaser pays transit charges on pints, quarts, pecks, bushels; also Farm Seeds, Bulbs, Plants, Tools, Fertilizers, Insecticides, etc. If pints and quarts of Peas, Beans and Corn are wanted, post or express paid, please remit extra at the rate of 4 cents per pint and 8 cents per quart.

**BAGS AND PACKING.** No charge for boxes or packing, nor for delivery to Freight Depots or Express Offices. Two Bushel Cotton Bags we charge for at 22 cents each, two Bushel Burlap Bags at 10 cents each, and if returned in good condition free of expense, they will be credited as charged.

**CHANGES OF RESIDENCE.** In order that our Catalogues may be forwarded regularly, we will feel obliged if Customers inform us of any change of residence. To any Customer who may fail to receive a Catalogue at the usual time, we will gladly send another copy on receipt of a postal card.

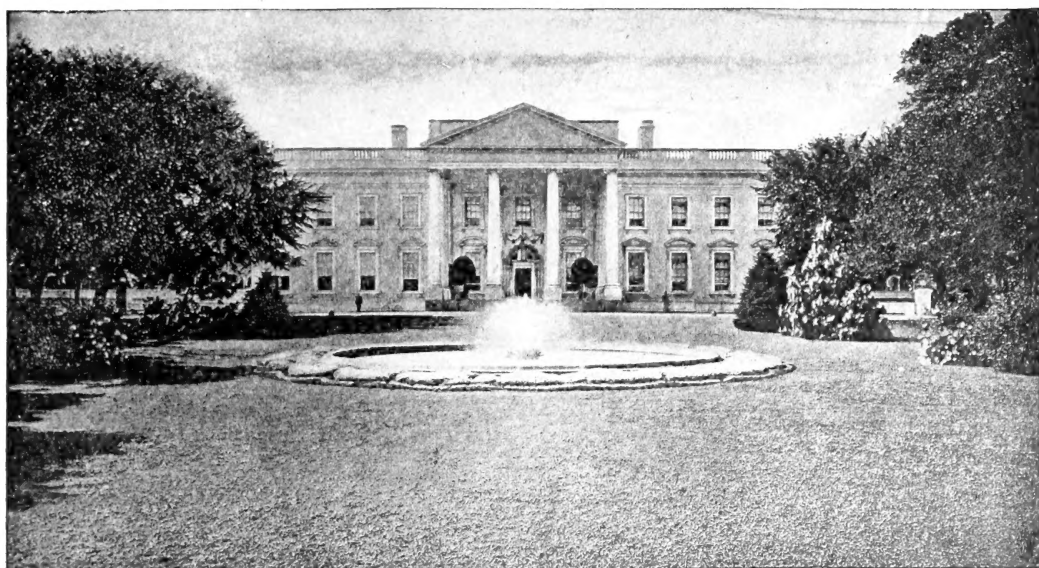
**QUOTATIONS** with samples will be cheerfully given for such variable articles as Grasses and Clover Seeds.

**ERRORS.** We exercise the utmost care in filling, checking and packing orders; yet, in the press of business, errors sometimes occur, in which event we wish to be promptly notified of the fact and will make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.

**WE CANNOT GUARANTEE THE SUCCESS** of any seeds, plants or bulbs we send out. Most of the failures are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we will not be in any way responsible for the crop, and every order for articles named in this catalogue will be executed on these conditions only. It must, however, be plain to everyone who gives the matter the slightest thought, that it is to our best interests to send out only such stock as will not only grow but prove true to name and description.

**NON-WARRANTY.** Schultz's Seed Store give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.





# Schultz's White House Lawn Grass Mixture

FREE FROM CHAFF, WEEDS AND FOREIGN MATTER  
SOLID, CLEAN SEED ONLY

**"Schultz's White House" Lawn Grass** is a mixture of the finest American and European grasses adapted to lawn making. The formula for this mixture is the result of life-time practical experience in making and maintaining lawns. Neither pains nor expense are spared in obtaining grasses of high vitality and purity. It is our constant aim to make "White House" Lawn Grass the best, purest and most permanent Lawn Grass sold.

One quart will sow 300 square feet. Price per quart, 25c.

Two quarts will sow 600 square feet. Price 45c.

Four quarts will sow 1200 square feet. Price 75c.

One peck will sow 2400 square feet. Price, \$1.25.

One bushel (14 lbs.) will sow 5600 square feet. Price, \$3.25.

**SPECIAL  
LAWN CIR-  
CULAR,** telling  
"How to make  
and keep a  
beautiful  
lawn," free  
on request

**"Schultz's White House" Lawn Grass Seed** produces a perfect and enduring lawn of luxuriant richness, with closely interwoven, firm, deep and elastic turf, and it is often ready for cutting in four weeks from time of sowing. This celebrated Lawn Grass is composed of a thoroughly balanced combination of various native and foreign fine-leaved, deep-rooting grasses of interweaving habit, that flourish under our varied conditions, soils, and climates, growing during different seasons of the year, so that a deep green, smooth and velvety sward, free from clumps, is maintained from snow to snow, year after year, and without burning brown in Summer.

Judge ASHLEY M. GOULD, of the Supreme Court of the D. C., writes—January 4th:

"Referring to the 'White House' Lawn Grass Mixture, which I purchased from you last Spring, I have to say that I used this seed on a large lawn on my place in the country and secured from it most excellent results. The ground was rough and by no means rich, but I secured an excellent sod covered with thrifty grass. I have tried many mixtures of Grass Seed heretofore, but found none as satisfactory as yours."

## Schultz's Grass Seed Mixture for Shady Places

This is a mixture of extra fine grasses adapted for growing in the shade and under trees. We recommend the use of this mixture wherever other grasses, on account of shade, have failed to make a close sward.

Qt. 30c., 2 qts. 50c., 4 qts. \$1.00, pk. \$1.50, bus. (14 lbs.) \$3.75.

## Schultz's "Terrace" Lawn Grass Seed

FOR TERRACES, EMBANKMENTS AND HILLSIDES

A special mixture of grasses best suited for sowing on terraces, embankments and hillsides; grasses that produce long, strong, spreading roots, thus preventing heavy rains from washing them out; that will withstand drought and exposure, thrive on shallow soils, and at the same time produce a rich, velvety green turf throughout the season. There need be no fear of introducing coarse grasses into your lawn by sowing this mixture, for, though strong rooted, the grasses are equally as fine-leaved as those used in the "White House" Lawn Grass Mixture.

Qt. 30c., 2 qts. 50c., 4 qts. \$1.00, pk. \$1.50, bus. (14 lbs.) \$3.75

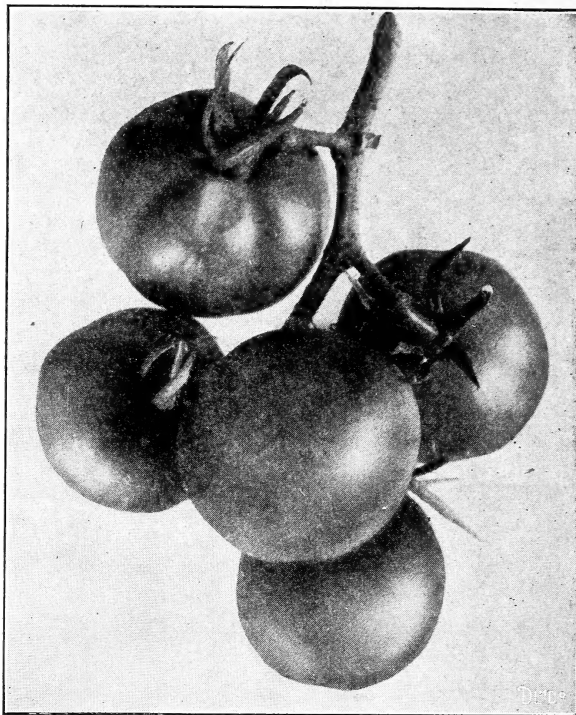
For our line of LAWN MOWERS—see inside back cover

# Schultz's Specialties in Vegetable Seeds

## Schultz's Early Splendid Tomato

THE MOST VALUABLE EARLY TOMATO EVER INTRODUCED. VERY DISTINCT IN SHAPE, FIRM FLESHED, BLIGHT PROOF. A FINE GLOSSY ROSE, TINGED WITH PURPLE

SCHULTZ'S EARLY SPLENDID is an extra-good, all-around Tomato of a distinct apple shape. It is a very beautiful as well as solid Tomato; it grows in clusters (see illustration), sets freely, and is an immense cropper. In time of ripening we class it with the first earlies, being among the first to ripen fruit. The fruits are of large size; always smooth and of firm flesh, ripening evenly; the color a fine, glossy rose, tinged with purple. It is a remarkably good keeper and will stand shipping long distances in excellent shape. It is second to none of the purple sorts which we know, and in quality there is nothing more to be desired, being mild, pleasant and of delicious flavor; unsurpassed for slicing or to eat from the hand.



Schultz's Early Splendid Tomato

SCHULTZ'S EARLY SPLENDID is the most valuable Early Purple Tomato ever introduced.

Pkt. 5c. and 10c.,  $\frac{1}{2}$  oz. 15c., oz. 25c.,  
 $\frac{1}{4}$  lb. 75c., lb. \$2.50.

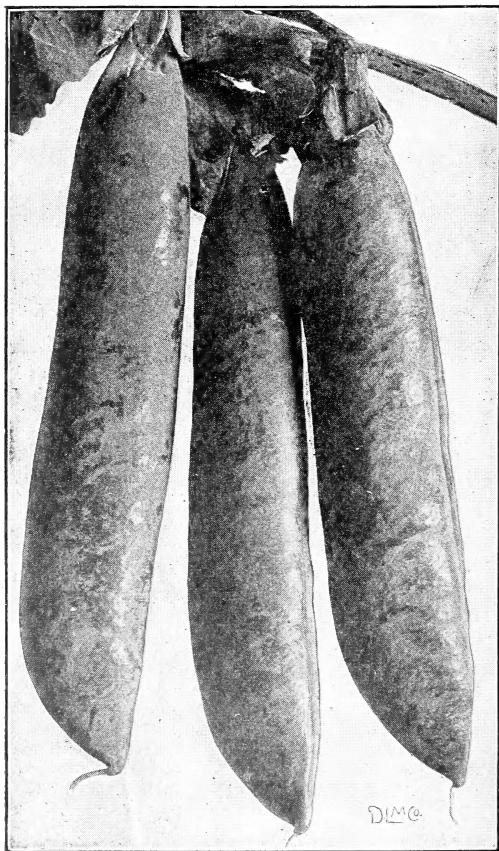
## Schultz's Big Marvel Peas

ONE OF THE LARGEST PODDED AND  
EARLIEST OF ALL WRINKLED  
EXTRA EARLIES

THE PEA THAT PROGRESSIVE MARKET  
GARDENERS ARE GOING WILD OVER

BIG MARVEL PEA is indeed a grand Pea. Every gardener who has ever tried this Pea the past three seasons in small quantities sings its praise. The vines of the Big Marvel are vigorous, growing about 18 to 24 inches high, and require no sticks; with unusually dark green foliage, which can be distinguished from that of other Peas one-hundred yards away. The long pods are rich green in color, often measuring 5 inches or more, with 7 to 9 enormous peas in a pod. The growth of vine is sturdy, and it bears with a profusion that is truly remarkable. It is a wonder in productiveness, and the way the peas shell out is astonishing. Big Marvel Pea matures as early as the small podded, extra early sorts. Its sweetness is noteworthy, and all who plant it will find the Big Marvel one of the most profitable market Peas ever introduced, and there is nothing superior to it for either the market gardener or for home garden.

Pkt. 5c. and 10c., pt. 20c., qt. 35c., 4 qts. \$1.25,  
1 k. \$2.50, bus. \$9.00.



Schultz's Big Marvel Peas

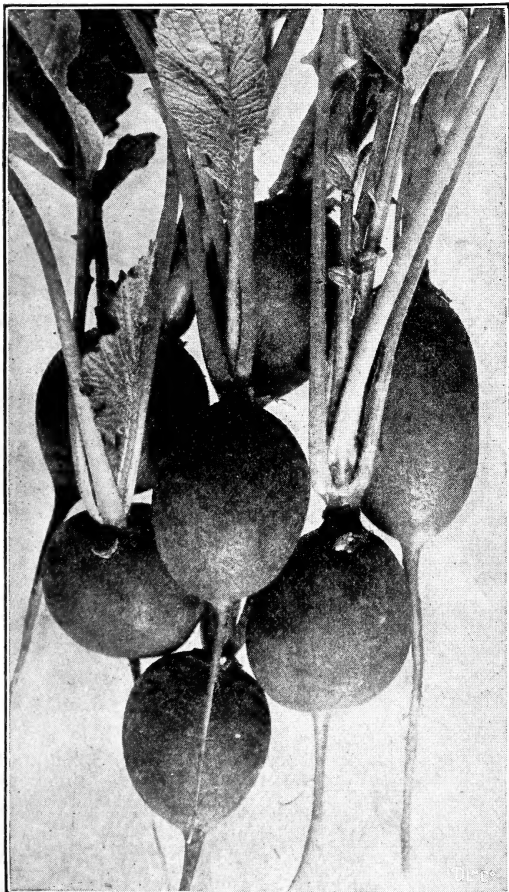
# Schultz's Specialties in Vegetable Seeds

## Schultz's Stringless Green Pod Beans

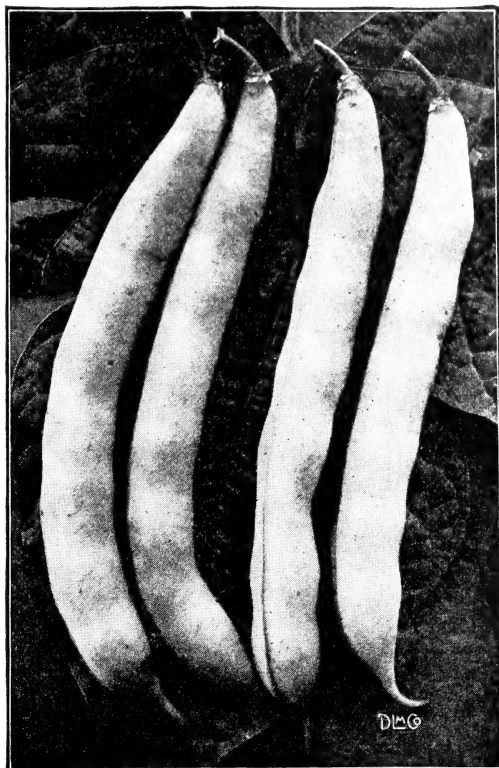
Medium Early, Round Fleshy Pods, Rich Green in Color. Very Tender, Wonderfully Productive; Absolutely Stringless

The plants attain a height of 18 inches, of true bush habit and are very prolific, one plant having borne fifty-six well developed pods. The handsome pods are round in form, size medium to long, slightly curved, medium green in color, and very brittle, remaining so until nearly old enough to shell. In a word, **Schultz's Stringless Green Pod Beans** are entirely stringless at all stages of growth even when fully matured, and for home use, market or canning, it is the king of them all.

Pkt. 5c. and 10c., pt. 25c., qt. 40c., 4 qts \$1.50, pk. \$3.00, bus. \$10.00.



Schultz's Scarlet Globe-Shaped Radish



Schultz's Stringless Green Pod Beans

## Schultz's Scarlet Globe-Shaped Radish

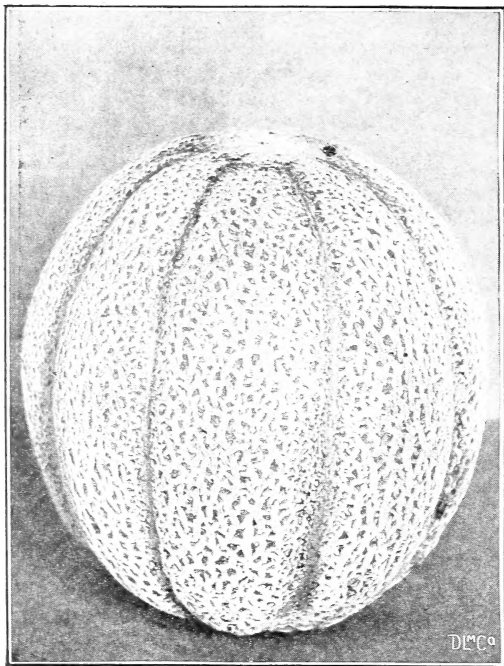
For Forcing or Outdoor Culture  
Extremely Early, Rich Bright Scarlet; Flesh  
Is Tender, Mild and Solid

If you wish to have the finest and first red Radishes sow **Schultz's Scarlet Globe-Shaped**. It is crisp and brittle. The skin is of a rich, scarlet color, while the flesh is pure white, and always tender, mild and sweet. It has a small, short top, and is well adapted to open air culture or to forcing under glass. In favorable weather and in good soil it will mature in 18 to 20 days from the sowing of the seed. It is extensively used by market gardeners and truckers, who hold it in high esteem. It is good, quick and profitable. Its shape and attractive proportions are well shown in the engraving, and we do not think it can be surpassed.

Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 20c., 1b. 60c.

**SCHULTZ'S SEEDS**  
The Kind That Grows

# Schultz's Specialties in Vegetable Seeds



"Sweet Air" Cantaloupe

## SCHULTZ'S "SWEET AIR" CANTALOUPE

**Extra Early, Superb Green Flesh,  
Uniform Shape, and Inde-  
scribably Delicious Taste**

This superb green-fleshed Muskmelon has had a wonderful reputation around Washington and Baltimore markets, and fully deserves to be known over a wider territory.

It grows very uniform in shape and size, averaging about 9 inches in length, from stem to blossom, and 6 to 7 inches in the other direction; handsomely netted, very thick meat with delicious, sweet flavor.

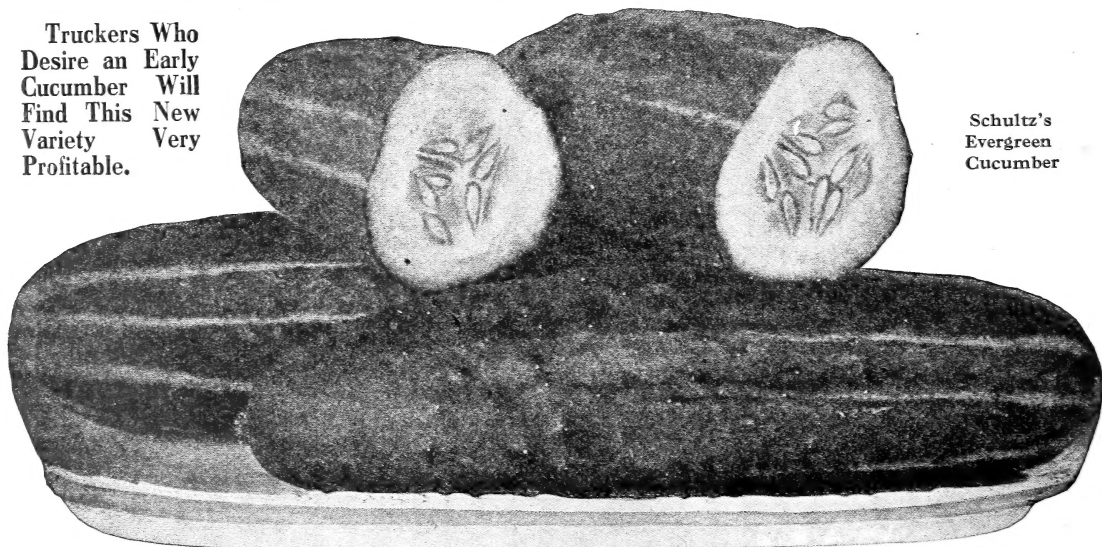
Every Melon grower is to be congratulated who plants a crop of this magnificent Melon, as it will be sure to please the grower, the merchant to whom it is sold, and the family for table use.

Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb 40., 1b. \$1.50

## SCHULTZ'S EVERGREEN CUCUMBER

**Earlier than the Improved Arlington White Spine and a Heavier Cropper**

Truckers Who  
Desire an Early  
Cucumber Will  
Find This New  
Variety Very  
Profitable.



Schultz's  
Evergreen  
Cucumber

SCHULTZ'S EVERGREEN CUCUMBER is earlier than the Improved Arlington White Spine and a heavier cropper. Truckers who desire an early Cucumber will find in this new variety a money maker. It is one of the most vigorous, strong, and robust growers. Fruits are even size, very handsome shape, measuring about 8 to 9 inches in length, and are of a dark green color. The fruits are close to the hill, and are excellent for slicing. Our Southern friends will find it admirably adapted for their wants. This Cucumber can be used under glass as well as for growing out of doors. Claimed to cut from thirty to fifty per cent. more Cucumbers from the vines of this variety than any other.

Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 25c., 1b. 75c.



# Schultz's Specialties in Vegetable Seeds

## Schultz's Early Market Pole Lima Bean

The beans of this new Pole Lima have a greenish tint, an indication of good quality, and an advantage in appearance over the white-skinned varieties. The vines are vigorous, producing large quantities of pods, containing five large beans, which are thicker than the ordinary Lima. The beans cook nicely and being thin-skinned are exceedingly tender, and of fine flavor.

Pkt. 5c. and 10c., pt. 20c., qt. 35c., pk. \$2.25, bus. \$8.00.

## Crimson Globe Beet

A rich, deep crimson Beet of perfect globe shape, smooth and clean. It matures very early, and is of a most attractive appearance. The flesh is deep crimson, very tender and free from any stringy or woody character. The dark leaves are small and borne on slender stems.

Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

## Golden Bantam Sweet Corn

The stalks are dwarf and sturdy in habit. The ears are 5 to 7 inches long, with golden-yellow grains of excellent quality and flavor.

Pkt. 5c. and 10c., pt. 25c., qt. 50c., gal. \$1.75, pk. \$3.50.

## Snow White Evergreen Corn

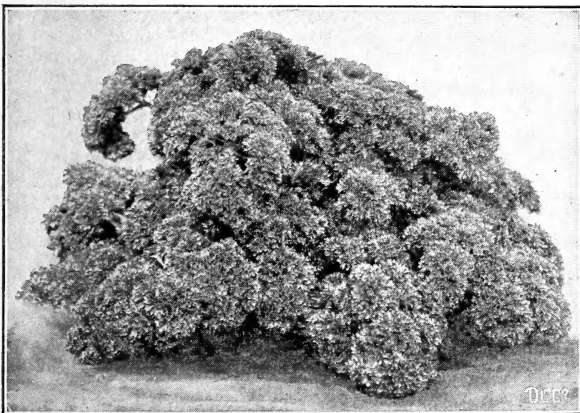
This is a high-bred, pure white type of the ever popular Stowell's Evergreen. The ears are uniformly very large and well filled to the tip with long, slender kernels. Market gardeners have long been wishing for a white Sweet Corn as good as Stowell's Evergreen. They can now have it—sweet and tender. When in the green state, both cob and kernel are white as snow.

Pkt. 5c. and 10c., pt. 25c., qt. 50c.,  $\frac{1}{2}$  pk. \$1.75, pk. \$3.25, bus. \$12.00. Ear 15c., doz. \$1.25.

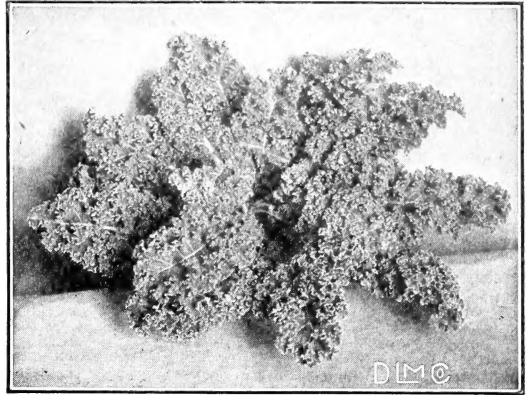
## Schultz's "All Heart" Lettuce

It is adapted to both Spring and Fall use. Forms large heads, with extremely solid heart. The color is a beautiful light green and the flavor is excellent, being rich and buttery.

Pkt. 5c. and 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.



Selected Triple Curled Parsley



Schultz's Improved Imperial Curled Kale

## Schultz's Improved Imperial Curled Kale

A beautifully curled and crumpled sort, of strong, vigorous habit. The leaves are a beautiful dark green color, and delicate in flavor. A striking feature in this Kale is that it will stand longer before going to seed than any other. In the latitude of Washington, it will stand throughout the Winter without protection.

Pkt. 5c., and 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

## Tom Watson Water Melon

This new Water Melon produces Melons 18 to 24 inches long by 10 to 12 inches in diameter. The deep red flesh extends to within three-quarters of an inch of the green rind, is crisp, melting and of finest flavor.

Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 60c.

## Schultz's Selected Triple Curled Parsley

An extremely fine strain, of deep green color and beautifully curled. It retains its color throughout the Winter; unsurpassed for garnishing.

Pkt. 5c., and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

## Laxtonian Peas

This handsome new wrinkled Pea is the largest podded of the dwarf varieties on our list. The beautiful, dark green pods are similar to Gradus in shape and splendid quality; are very nearly as large in size and mature a little earlier. The vines are vigorous and productive, averaging 15 to 18 inches high, foliage dark green; pods about 4 inches in length. Seed light green, large, wrinkled, flattened, irregular in shape.

Pkt. 5c. and 10c., pt. 20c., qt. 35c.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.50, bus. \$9.00.

## Swiss Chard, or Spinach Beet

Swiss Chard, Giant Lucullus. The leaves of Swiss Chard are used as greens, cooked in the same manner as Spinach, and the large ribs are prepared like Asparagus, in which manner they are delicious. "Giant Lucullus" is the largest and best variety of the Swiss Chard.

Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. 90c.



## A LIST OF VEGETABLE SEEDS THAT CAN BE SOWN IN EACH MONTH, FROM FEBRUARY TO SEPTEMBER

**FEBRUARY.**—Sow in hotbed: Early Beets, Early Cabbage, Forcing Carrot, Early Celery, Cucumber, Egg-Plant, Early Lettuce, Parsley, Pepper, Radish, Tomato.

**MARCH.**—Sow in hotbed: Beans, Early Beets, Brussels Sprouts, Early Cabbage, Forcing Carrot, Cauliflower, Celery, Cucumber, Egg-Plant, Kohl-Rabi, Lettuce, Melon, Onion Sets, Parsley, Peas, Pepper, Radish, Tomato.

Sow in open ground: Beets, Carrot, Cress, Leek, Onion, Peas, Potatoes, Radish, Spinach, Early Turnip, Sweet Peas.

**APRIL.**—Sow in hotbed: Cucumber, Egg-Plant, Melon, Pepper, Tomato.

Sow in open ground: Asparagus, Beans, Beets, Brussels Sprouts, Early Cabbage, Carrot, Cauliflower, Celery, Cress, Endive, Kale, Kohl-Rabi, Leek, Lettuce, Onion, Onion Sets, Parsley, Parsnip, Peas, Potatoes, Radish, Spinach, Early Turnip, Sweet Peas.

**MAY.**—Artichoke, Asparagus, Beans, Beets, Brussels Sprouts, Late Cabbage, Carrot, Cauliflower, Celery,

Sweet Corn, Cress, Cucumber, Endive, Kale, Kohl-Rabi, Leek, Lettuce, Melon, Onion, Parsley, Parsnip, Peas, Potatoes, Radish, Rhubarb, Salsify, Spinach, Tomato, Early Turnip, all Herbs.

**JUNE.**—Beans, all kinds; Beets, Brussels Sprouts, Early Cabbage, Carrot, Cauliflower, Sweet Corn, Cress, Cucumber, Endive, Kale, Kohl-Rabi, Lettuce, Melon, Nasturtium, Okra, Early Peas, Potatoes, Pumpkin, Radish, Salsify, Spinach, Squash, Herbs.

**JULY.**—Beans, Beets, Carrot, Sweet Corn, Corn Salad, Cress, Cucumber, Endive, Gherkin, Kale, Kohl-Rabi, Lettuce, Nasturtium, Okra, Early Peas, Potatoes, Pumpkin, Radish, Salsify, Spinach, Squash, Herbs.

**AUGUST.**—Beans, Bush; Corn Salad, Cucumber, Endive, Kale, Lettuce, Early Peas, Radish, Spinach, Turnip.

**SEPTEMBER.**—Cabbage for coldframes, Cauliflower for coldframes, Cabbage, Corn Salad, Cress, Onion Sets, Kale, Lettuce, Mustard, Winter Radish, Spinach, Turnip, Sweet Peas.

## SELECTED LIST OF Schultz's High Quality Vegetable Seeds With General Directions for Cultivation

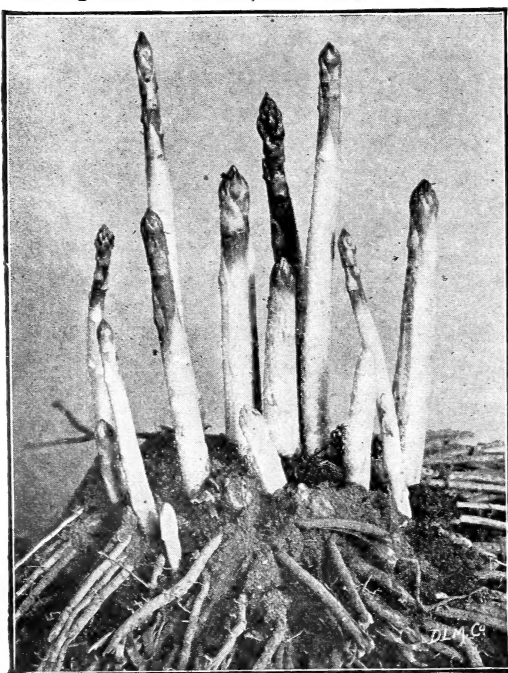
### ARTICHOKE (Artichoke)

*One ounce will produce 500 plants.*

**Culture.**—Sow seed in hotbed in February or March, in rows 6 inches apart. Transplant when large enough into boxes or pots. After danger of frosts is past plant in the open ground, in rows 3 feet apart, 2 to 3 feet apart in row, care being taken to press firmly in the ground, but not planted too deep.

**Large Globe, or Paris.** The best of all Artichokes. Pkt. 5c., oz. 35c.

**Jerusalem Artichoke.** Distinct from the Globe, and propagated by and for its tubers. Largely used for feeding stock. Pk. 75c., bus. \$2.50.



Palmetto Asparagus

### ASPARAGUS (Spargel)

*One ounce will sow about 50 feet of drill; 4 to 5 pounds per acre.*

**Culture.**—Sow the seed as early in Spring as the soil can be worked, in drills 12 inches apart, and when well started thin out to 3 inches apart. When one or two years old, transplant into permanent beds, which should be well and deeply manured and trenched to a depth of 18 inches. Set the plants in rows 2 feet apart, and not less than 18 inches apart in the row. Care should be taken that the roots are well spread, and set at a depth of 6 inches below the level of the bed. Cover only 2 or 3 inches, and fill in gradually as the plants grow. Very little, if any, should be cut the first year after transplanting, but a fair crop can be cut the second year. Every Fall after the tops have been cut down apply a dressing of coarse manure, and in the Spring fork it in. An occasional top dressing of kainit at the rate of one half pound per square yard is also beneficial.

**Conover's Colossal.** The standard variety, large and very prolific. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

**Argenteuil.** This variety is largely grown in France for the Paris market. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**Palmetto.** An early, prolific and very desirable variety. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

**Barr's Mammoth.** A quick grower with very large stalks. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

**Columbian Mammoth White.** Large, white stalks. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

### ASPARAGUS ROOTS

**Extra strong and healthy roots. Two years old.**

*A bed 12 x 35 would require about 150 roots. About 2500 roots are required to plant an acre.*

**Palmetto.** Per 100 75c., 1000 \$5.00.

**Columbian Mammoth White.** Per 100 75c., 1000 \$5.00.

**Conover's Colossal.** Per 100 75c., 1000 \$4.00.

**Giant Argenteuil.** Per 100 90c., 1000 \$5.00.

**Barr's Mammoth.** Per 100 75c., 1000 \$5.00.

# BEANS

## Dwarf or Bush. Green Pod (Bnfd Bohnen)

Bean crop very short. Prices subject to change

One quart will plant 100 feet of drill

Culture.—The varieties of this class are tender and will not bear much cold. Plant about the first of April if the ground is warm and the season favorable, and at intervals throughout the season for a succession, finishing about the 15th of August. The best mode of culture is in rows, 2 feet apart, and the beans 2 inches apart, and 2 inches deep in rows. Keep well hoed and draw the earth up to the stem, but only when dry; working them when wet with rain or dew will cause them to rust and injure the crop.

Beans.—If wanted by mail, add, for postage, 4c. per pt., 8c. per qt.

**Stringless Green Pod** (Burpee's). Positively stringless; ripens earlier than Valentine, and remains tender and crisp a long time after maturity. Pods are pale green, long and straight, perfectly round and meaty. Pkt. 5c. and 10c., pt. 25c., qt. 40c., 4 qts. \$1.50, pk. \$2.75, bus. \$10.00.

## Valentine Improved Early Red

For snaps there is nothing superior to this variety among the green-podded sorts, and many prefer it to the wax varieties. Vine erect, with coarse, dark green leaves. Pods medium length, curved, cylindrical, very fleshy, crisp and tender. We know of no stock of Red Valentines which can be compared with that we offer in uniformly high quality of pod. Pkt. 5c. and 10c., pt. 20c., qt. 35c., 4 qts. \$1.25, pk. \$2.50, bus. \$9.00.

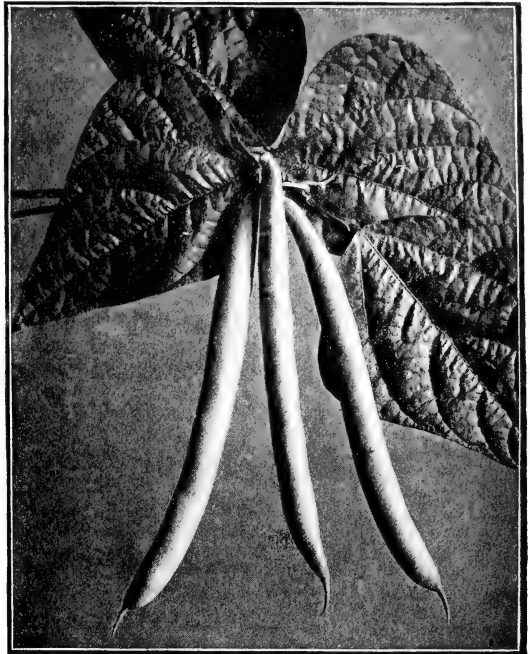
**King of the Earlyies** This variety can be planted fully a week earlier than any other green Bean, as the dry Bean will stand considerable cold wet weather, while other varieties at the same time will rot in the ground. The main feature of this Bean is its earliness. The pods are usually ready to pick at least 5 days ahead of Red Valentine, and are a beautiful green color, extra long, almost straight, round, thick, meaty, tender and in flavor unsurpassed. Pkt. 5c. and 10c., pt. 20c., qt. 35c., 4 qts. \$1.25, pk. \$2.50, bus. \$9.00.

**Schultz's Stringless Green Pod** This Bean without doubt, is the very best of all. The plant is of true bush habit and bears an enormous quantity of handsome pods of light green color. They are brittle, tender, fleshy and absolutely stringless, even when fully matured. High quality, stringlessness and productiveness should be sufficient to recommend this Bean to every planter. Pkt. 5c. and 10c., pt. 25c., qt. 40c., 4 qts. \$1.50, pk. \$3.00, bus. \$10.00.

**Black Valentine.** Pods are extremely long, round and straight, and are quite attractive in appearance. Pkt. 5c. and 10c., pt. 20c., qt. 35c., 4 qts. \$1.25, pk. \$2.50, bus. \$9.00.

**Longfellow.** A very productive, early, green-podded Bean. Pods round, about 6 inches long, medium light green in color, tender, of excellent quality, and quite stringless when young. One of the most attractive market sorts. Pkt. 5c. and 10c., pt. 20c., qt. 35c., 4 qts. \$1.25, pk. \$2.50, bus. \$9.00.

**Bountiful, Henderson's** An extra-early Green Snap Bean of fine table qualities. It is very hardy, extremely early, very prolific, and bears continually for several weeks. The pods are thick, broad, extra long, very



Burpee's Stringless Green Pod Bean

uniform in shape. Desirable both for home use and market. Pkt. 5c. and 10c., pt. 20c., qt. 35c., pk. \$2.50, bus. \$9.00.

**Full Measure** A very desirable round-podded, variety with pods 6 to 7 inches long, which are solid, meaty, brittle and stringless. It is a little later than Stringless Green Pod, and is a splendid Bean for home or market use. Pkt. 5c. and 10c., pt. 25c., qt. 40c., 4 qts. \$1.50, pk. \$2.75, bus. \$10.00.

**Dwarf Horticultural** Vine very productive, compact, upright, with large leaves. Pods medium length, cylindrical, curved, with splashes of bright red on a yellowish ground. Pkt. 5c. and 10c., pt. 25c., qt. 40c., 4 qts. \$1.50, pk. \$2.75, bus. \$10.00.

**Boston Pea Bean (Navy).** An excellent variety of very productive habit; for baking they excel all other sorts. Crop failed.

## BEANS—Running or Pole (Stangen Bohnen)

**Extra Early Golden Cluster Wax.** Long, golden-yellow pods borne in clusters; extra early, stringless, snaps easily, vigorous, prolific, tender. Pkt. 5c. and 10c., pt. 25c., qt. 40c., pk. \$2.50.

**Horticultural Cranberry** (Cut Short.) One of the best for family use. The pods are tender, and of fine quality. Pkt. 5c. and 10c., pt. 20c., qt. 35c., pk. \$2.50.

**Lazy Wife.** A white-seeded variety, with long, green pods. Pkt. 5c. and 10c., pt. 25c., qt. 50c., pk. \$3.75.

## Old Homestead, or Kentucky

**Wonder** Very productive, tender and stringless. The pods are large, and of a light green color. Pkt. 5c. and 10c., pt. 20c., qt. 35c., pk. \$2.25.

**Scarlet Runner.** A great favorite, both ornamental and useful. Bright scarlet flowers. Used both as a string and shelled Bean. Pkt. 5c. and 10c., pt. 20c., qt. 35c., pk. \$2.50.

## BEANS—Dwarf or Bush, Wax Podded

Bean crop very short. Prices subject to change.

### Kidney Wax, Burpee's

Longer pods and more prolific than Wardwell's. Handsome in appearance, entirely stringless, more fleshy. The foliage is free from blight while the pods are rust proof. The pods are 7 inches in length, one-half inch broad and three-eighth inch thick; the color is a rich, lemon yellow. Pkt. 5c. and 10c., pt. 25c., qt. 50c., 4 qts. \$1.75, pk. \$3.50, bus. \$13.50.

### Black Wax, Improved Prolific

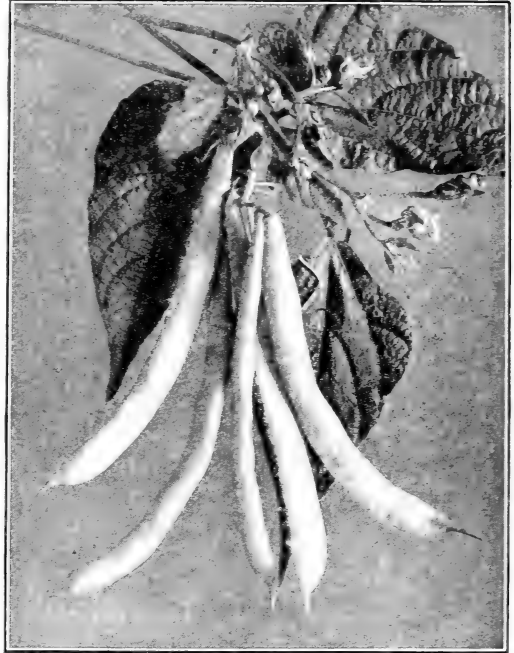
One of the best for a home garden, perfectly stringless, and of excellent flavor. Pods medium size, round and of clear, waxy white color. Pkt. 5c. and 10c., pt. 25c., qt. 45c., 4 qts. \$1.75, pk. \$3.25, bus. \$12.00.

### Refugee Wax, Keeney's Stringless

This new variety of dwarf Wax Bean is an improved type of the Refugee Wax. The plants are of very robust growth and extremely early and productive, bearing profusely the large, beautiful pods, which are of delicious flavor. The pods are round, pencil-like. The color is a rich, golden yellow and the quality is excellent. Pkt. 5c. and 10c., pt. 25c., qt. 50c., gal. \$1.75, pk. \$3.50, bus. \$13.50.

### Kidney Wax, Wardwell's

One of the most popular Beans in this vicinity, especially for the market gardener, owing to the large size of the pod and excellent quality. Vines are very large, strong and vigorous, bear long, straight, wax-like pods. Dry beans are large,



Stringless Refugee Wax Beans

kidney-shaped, white, dark-marked about the eye. Pkt. 5c. and 10c., pt. 25c., qt. 50c., 4 qts. \$1.75, pk. \$3.50, bus. \$13.50.

### Sure Crop Stringless Wax

A valuable new variety for either home use or market garden. Is a dwarf growing variety; strong, vigorous vines, producing early, rich yellow pods of extra size, measuring 7 to 7½ inches long, more than 1 inch wide, and nearly ½ inch thick; of excellent quality; stringless and tender at all stages of its development. Plant is strong and holds pods well off the ground and will stand long seasons of wet weather. Because of its being very hardy the seed may be planted early. Pkt. 5c. and 10c., pt. 25c., qt. 45c., gal. \$1.75, pk. \$3.25, bus. \$12.00.

### Golden Wax, Keeney's Stringless

A vigorous and wonderfully productive Bean, of excellent quality. The pods are thick, meaty, entirely stringless and tender. The plant throws out long, pod-bearing tendrils, which appear at first like runners, but it is a true bush Bean. We recommend it very strongly for its productive-ness and fine quality. Pkt. 5c. and 10c., pt. 25c., qt. 50c., 4 qts. \$1.75, pk. \$3.50, bus. \$12.00.

**Currie's Wax, Rust-Proof.** Absolutely rust-proof; pods long, flat, very tender, and of the finest quality. Pkt. 5c. and 10c., pt. 25c., qt. 50c., gal. \$1.75, pk. \$3.50, bus. \$12.00.

## LIMA BEANS—Bush Varieties

One quart will plant 100 feet of drill.

Plant in light, rich soil in drills 2 feet apart, dropping the seeds about 1 foot apart in the row, and cover 2 inches.

### Fordhook Bush Lima

This is altogether unique. Nothing like it has ever been seen before. It is the first and only stiffly erect bush form of the popular "Potato Lima." Both pods and beans are twice the size of Dreer's and more than half again as large as the Challenger Pole Lima. Pkt. 5c. and 10c., pt. 20c., qt. 35c., 2 qts. 70c., ½ pk. \$1.25, pk. \$2.50, bus. \$9.00.

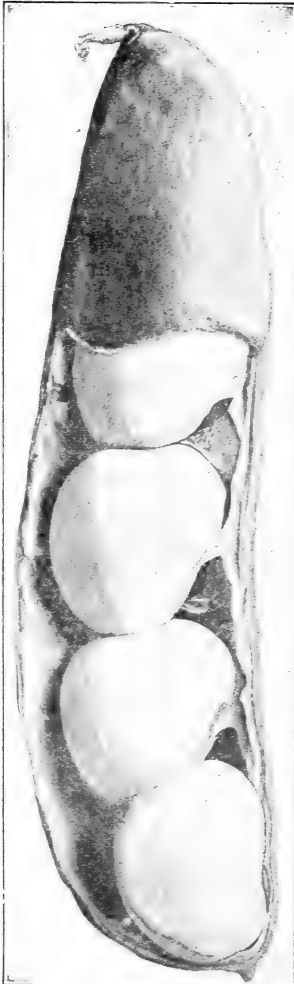
### Burpee's Improved Bush Lima

The luscious, green beans are larger than any Limas ever known before. It is fully eight to ten days earlier than any other large Limas; will outyield Burpee's Bush Lima by fully one-third, as the pods are very much larger, while the beans either green or dry are nearly twice as thick. Pkt. 5c. and 10c., pt. 20c., qt. 35c., 4 qts. \$1.25, pk. \$2.50, bus. \$9.00.

**Burpee's Bush Lima.** An immense yielder, with handsome, large pods, well filled with large beans. Pkt. 5c. and 10c., pt. 20c., qt. 35c., ½ pk. \$1.00, pk. \$2.00, bus. \$7.50.

**Dreer's Bush Lima.** This valuable bush Bean possesses all the good qualities of the Dreer's Pole Lima. Pkt. 5c. and 10c., pt. 20c., qt. 35c., ½ pk. \$1.25, pk. \$2.50, bus. \$9.00.

**Henderson's Bush Lima.** Enormously productive, bearing continuously throughout the Summer, until killed by frost. Pkt. 5c. and 10c., pt. 20c., qt. 35c., ½ pk. \$1.25, pk. \$2.25, bus. \$8.00.



Burpee's Fordhook Bush Lima

# LIMA BEANS—Pole Varieties (Stangen-Bohnen)

One quart will plant 100 hills.

Culture.—These require poles 8 to 10 feet long. The Beans should be planted the middle of May if the season is suitable. Lima Beans are apt to rot if planted too early. Set poles 4 feet apart each way, and plant 4 to 6 Beans, about 1 inch deep, around each pole. Thin out to 3 plants to a pole, if the soil is rich; pinch off the ends of plants when they overrun the top of the poles to effect more perfect growth below. They succeed best in sandy loam, with a shovelful of rich, light and well-rotted compost to each hill, well incorporated. Lima Beans for early use may be grown in frames and transplanted.

## Schultz's Early Market Pole Lima

One week earlier than any other Pole Lima and two weeks earlier than most. Of superior quality, immense size,

wonderfully productive. One of the best varieties of Pole Lima for general use. This delicious vegetable is denied many would-be growers on account of the length of season required to mature it, the early frost coming on just as the crop is ready to pick. This sort is at least one week earlier than any large Pole Lima yet offered and fully two weeks earlier than most, consequently it will prove a boon to thousands of growers. Earliness is often obtained at the sacrifice of other valuable features, but in this variety we claim superiority, not only in this respect, but in size of bean and pod and enormous productiveness. It is, in fact, about perfect and of incalculable value. Pkt. 5c. and 10c., pt. 20c., qt. 35c., pk. \$2.25, bus. \$8.00.

## Siebert's Extra Early Lima

The pods are large and numerous, invariably having from four to five beans in each pod. These Beans appear in market nearly one week ahead of ordinary Limas. Pkt. 5c. and 10c., qt. 30c., gal. \$1.00, pk. \$1.75, bus. \$7.00.

## Dreer's Improved Lima.

A very superior early variety, of excellent quality and great productiveness. This variety is, without doubt, the best for private gardens. The quality is much better than any other variety, the beans cocking rich and mealy. Pkt. 5c. and 10c., pt. 20c., qt. 30c., gal. \$1.00, pk. \$1.75, bus. \$7.00.

## King of the Garden Lima

A vigorous grower, bearing large pods, varying in length from 5 to 8 inches.

The beans are large and of rich flavor. Pkt. 5c. and 10c., pt. 20c., qt. 30c., gal. \$1.00, pk. \$1.75, bus. \$7.00.

## Ford's Mammoth Podded Lima.

In mammoth size, great productiveness and fine quality it far surpasses even such varieties as the King of the Garden, and other fine sorts. The pods grow to an average length of 8 inches, and are produced in great clusters, with from four to five beans per pod. Pkt. 5c. and 10c., pt. 20c., qt. 30c., pk. \$1.75, bus. \$7.00.

## Early Leviathan

This is the very earliest. It will not only give large Lima Beans earlier than any other strain, but is also much more productive, both early and throughout the season. It is a strong grower, clinging well to the poles, and is a sure cropper. The pods differ from those of other early Pole Limas in being straighter and longer. The pods hang out from the foliage in large clusters and contain three or four and sometimes five large beans to the pod. Pkt. 5c. and 10c., pt. 20c., qt. 30c., gal. \$1.00, pk. \$2.00, bus. \$7.50.

## Carpinteria Lima

The beans of this splendid Pole Lima have a greenish tint, an indication of good quality and an advantage in appearance over the white-skinned varieties. It originated in California as a sport, but the type has been thoroughly fixed, retaining the greenish tint. Vines are vigorous and make strong growth, producing large quantities of pods, containing four large beans, which are thicker than the ordinary Lima, and retain their color even when in the dry state. The beans cook nicely, and being thin-skinned are exceedingly tender and of fine flavor. The originator, who is a skillful grower, claims that the "Carpinteria" is the most perfect Lima Bean ever introduced. Pkt. 5c. and 10c. pt. 20c., qt. 30c., gal. \$1.00, pk. \$2.00, bus. \$7.50.

# BRUSSELS SPROUTS

(Sprossen-Rohl)

Culture.—A species of the Cabbage family which produces miniature heads from the sides of the stalk. These heads are of great delicacy, boiled in the same way as Cauliflower. The seeds should be sown about the middle of May, in a seed-bed, and the plants afterward set in rows 2 feet or more apart, and cultivated like Cabbage. This vegetable does not require extremely high cultivation, however. It is ready for use late in Autumn, after the early frosts.

## Long Island Improved

The finest variety; of vigorous growth, and producing handsome, solid, round sprouts of the best quality. Pkt. 5c. and 10c., oz. 20c., ¼ lb. 60c. lb. \$2.00.

# CHERVIL (Benfenlauch)

## Curled

Cultivated the same as Parsley. The leaves are used for flavoring soups and stews, and for garnishing. Pkt. 5c. and 10c., oz. 15c., ¼ lb. 40c.



Schultz's Early Market Pole Lima

# BEETS (Rothé Rübe)

One ounce will sow 50 feet of drill; 5 to 6 pounds to an acre.

Culture.—Sow as early in the Spring as the ground can be worked, and every two weeks after for a succession up to the end of July. For general crop, sow about the middle of May. The soil should be light, sandy loam, well enriched with stable manure, and plowed and harrowed until very fine. Sow in drills 1 foot to 15 inches apart, and when well up, thin from 4 to 6 inches.

## Crosby's Improved Egyptian

Very early. Smooth globe shaped. Dark blood red. The name of this variety is misleading, as it resembles the Egyptian only in its extreme earliness. The stock we offer is of a distinct dark red color, which is very attractive, not only in the Beets as pulled, but after they have been cooked. They are also more spherical than the extra early flat Egyptian, and we know of no better quality. One of the best for planting early out of doors. It becomes fit for use sooner than any other variety, and is equally suited for forcing in hotbeds or for transplanting. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

## Crimson Globe

An extremely handsome, early or main crop variety, of medium size, almost globe shaped, and entirely free from rootlets, leaving the skin entirely smooth. The roots average 10 inches in circumference, the foliage is small and of a rich, bronze purple. The flesh is a rich blood red, slightly zoned, and of the finest quality, always sweet and tender, never stringy. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

## Eclipse, Extra Early

Handsome, smooth, dark, round-shaped Beet. Small top and of excellent table qualities. Makes an attractive seller in market. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 85c.



Crosby's Egyptian Beet

## Detroit Dark Red

A blood-red, early, Turnip-shaped variety. Has small, upright tops; fine, round shape. Skin and flesh dark blood red. Very tender and sweet. Remarkably uniform in growth and a particularly desirable sort for truckers and market gardeners. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 85c.

**Bassano.** Top large, leaf stems light red, leaf light green, root large, round, Turnip-shaped, flesh pink zoned with white, very sweet and tender when young. An excellent sort to plant for use as greens. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**Bastian's Early Blood Turnip.** Of quick and large growth, bright red color; beautiful form and delicious flavor. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

## Edmand's Early Blood Turnip

Of beautiful, round form and good size. Flesh dark red and of finest quality. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**Long Smooth Blood.** An excellent, dark-fleshed main crop sort. Very tender and sweet, and remaining so when they are kept until Spring. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 60c.

**Dewing's Blood Turnip.** Of fine form and flavor, and deep, blood-red color. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 60c.

**Half-Long Blood.** A distinct variety, excellent for Winter use. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 60c.

## Swiss Chard

Sow a row of Swiss Chard; it is delicious. Is cultivated for its leaf stock which is served up like Asparagus or Spinach, by using the outer leaves. Always first. Will continue to produce leaves all Summer; does not make edible roots like the regular garden Beets. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. 90c.

## SELECTED MANGEL WURZELS

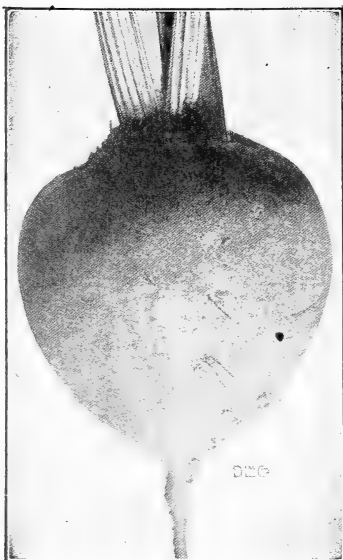
Six pounds of seed will sow one acre.

An invaluable crop for stock feeding. Sow from April to June on well-cultivated, deep, rich soil in drills 24 to 30 inches apart.

## Mammoth Long Red

The largest and heaviest cropper of all the long red sorts. A most valuable and distinct variety and very popular on account of its nutritious and milk-producing qualities.  $\frac{1}{4}$  lb. 20c., lb. 50c.

**Giant Golden Tankard.** Flesh bright golden yellow, differing in this respect from all other varieties which cut white.  $\frac{1}{4}$  lb. 20c., lb. 50c.



Crimson Globe Beet



# CABBAGE (Kopp-Kohl)

One ounce of seed produces about 2000 plants.

**Culture.**—For very early use sow in January or February in hotbeds; prick out when plants are strong enough into other hotbeds; or sow in coldframes in March. Transplant to the open ground when danger from killing frost is past, in rows 2 feet apart and 18 inches in row. For succession, sow in open ground the last of March or early in April. The Autumn and Winter varieties sow in April or early in May, in shallow drills, 3 or 4 inches apart; transplant early in July, in rows 2½ feet apart and 2 feet in the row. Cabbage succeeds best in a fresh, rich soil, well-manured and deeply dug or plowed.

## Selected Early Jersey Wake-

**field** The most popular and largely grown variety for Fall and early Spring planting. It has pyramidal heads with blunt peaks, is solid, uniform and compact growing. Has small outside foliage and can be planted closer together than the larger varieties. Thorough grown stock, pronounced by our leading truckers and market gardeners as the best stock of Early Wakefield Cabbage on the market. Pkt. 5c. and 10c., oz. 20c., ¼ lb. 50c., lb. \$1.75.

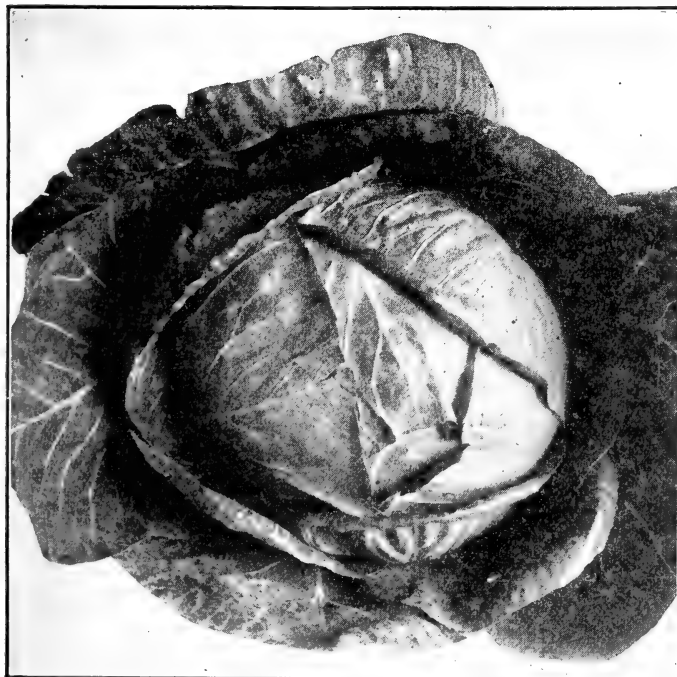
## Charleston, or Large Wake-

**field** Large, solid heads of good quality; a few days later than Early Jersey Wakefield; specially recommended for market gardeners, producing fully twice as much per acre as the early variety. The strain we offer is very fine and cannot fail to give satisfaction. Pkt. 5c. and 10c., oz. 20c., ¼ lb. 50c., lb. \$1.75.

**Schultz's Early Market** Is but three or four days later than our Early Jersey Wakefield, and will yield a greater crop per acre than any other early Cabbage. The whole plant is well bred. There is an entire absence of coarse veins and leaves, and it has the quality peculiar to some of the best sorts, of hardening the head before it has attained its mature size. The



Charleston, or Large Wakefield Cabbage



Schultz's Early Market Cabbage

plant is small, with short stem, and few outer leaves, which are of rather upright growth; the leaves are medium light green, nearly round, comparatively thick and smooth, and tightly folded. The plants may be set 21 inches apart—at least 50 per cent. closer than any variety with a head of similar size. Pkt. 5c. and 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.

## Perfection Drumhead

**Savoy.** The Savoy Cabbages are very tender and of fine flavor, very much superior in this respect to the ordinary late Fall and Winter Cabbage. Should be much more largely grown, both for home use and market. The strain of American Drumhead Savoy which we offer makes large-sized heads of most superior quality; truckers and private gardeners alike will find it an excellent variety. Pkt. 5c. and 10c., oz. 20c., ¼ lb. 50c., lb. \$1.50.

**Mammoth Red Dutch.** By far the best, largest and hardiest heading red Cabbage ever introduced. The plant is large, with numerous spreading leaves, and the head large, round, very solid, and of deep red color inside as well as outside. Pkt. 5c. and 10c., oz. 20c., ¼ lb. 60c., lb. \$2.00.

## CABBAGE—Second Early Varieties

**Schultz's New Early** Has proved to be the best Early Flat Head Cabbage. A sure header. Is about ten days later than the Wakefield, but being fully double the size. In weight it is equal to most of the late varieties, and its short outer leaves allow it to be planted nearly as close as the Wakefield. It keeps longer without bursting open than any variety we know of, and if any Cabbage is worm-proof, this one surely is. Pkt. 5c. and 10c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**All-Head Early** A large, flat-headed early variety; comes in earlier than Early Summer, and is considerably larger. Heads are of good shape, uniform in size, very hard and heavy. All things considered, we believe that, after our New Early Cabbage, this is the very best of the early sorts. Pkt. 5c. and 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Henderson's Early Summer.** A second-early Cabbage, which matures about ten days after the Jersey Wakefield. It makes a large, solid, flattish head. Pkt. 5c. and 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Succession** A good second-early round-headed sort, heads very evenly and comes in a few days after the Early Summer. Pkt. 5c. and 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Surehead.** For a sure header this has proved one of the best of middle-crop Cabbages. Grows very large and solid and will be found a fine sort. Pkt. 5c. and 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**All Seasons** A very popular variety as a second early. The heads are large, solid and keep well in Winter; ready to cut as soon as Early Summer. Pkt. 5c. and 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Early Drumhead.** A second-early, large, round, solid-heading variety. Pkt. 5c. and 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.



Schultz's New Early Cabbage

**Early Dwarf Flat Dutch.** One of the most popular and reliable of the medium early varieties. Makes large, flattish-shaped, solid heads. Pkt. 5c. and 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

## Late, or Autumn Sorts

### Schultz's Large Late Flat Dutch

Pronounced by experienced Cabbage growers to be the finest strain of Late Flat Dutch Cabbage in the world. It grows very large, and never fails to make a perfect, solid head, is most uniform in shape and keeps well over Winter. Pkt. 5c. and 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**The Volga** The heads are uniform and solid, weighing from 10 to 15 pounds each; flesh firm, sweet and tender. Pkt. 5c. and 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Lupton.** A fine Winter variety of excellent quality. The heads are very dark green and stem is short. Reliable header. Pkt. 5c. and 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Premium Flat Dutch.** The heads are large and solid; round in shape. Excellent keeper. Pkt. 5c. and 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

### Holland, or Danish Ballhead

A vigorous grower, of compact growth; is extremely hardy, and in quality it is one of the best, being very white, crisp and tender. Pkt. 5c. and 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.



Schultz's Large Late Flat Dutch Cabbage

## Over 25 Years'

actual experience back of "Schultz's Seeds." We test all our Seeds for germination; if they do not come up to the highest standard, we reject them.

# CARROT (Möhre)

One ounce will sow 100 feet of drill; three to four pounds required for acre.

Culture.—April is the time to sow for early use. Sow seed in drills 12 to 15 inches apart, and thin out from 3 to 4 inches in drill, covering seed about one-half inch. For general crop sow in May same distance apart as above but cover seed a little deeper as sun is stronger. Perfect specimens require a fine, pulverized, deep soil.

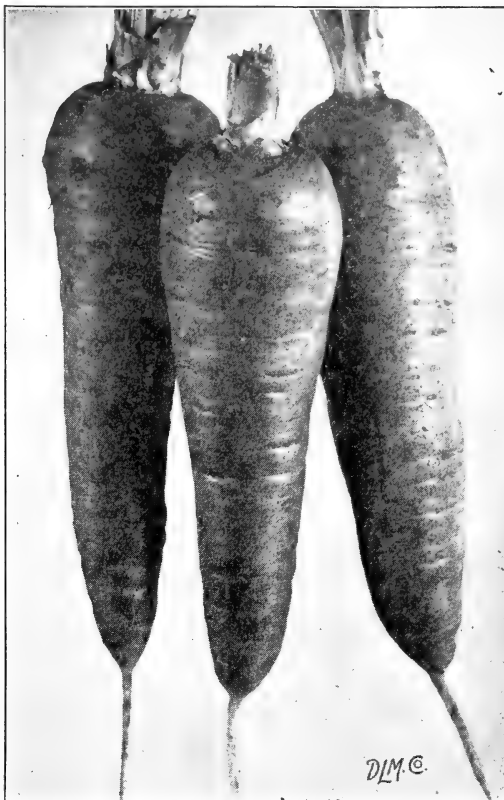
## Danvers Half-Long Improved

For a general crop, the best, the largest yield, the most profitable for the market gardeners. Roots medium length, deep orange, tapering uniformly to a blunt point; smooth and handsome. Flesh sweet, crisp and tender. It is now grown largely everywhere on account of its great productiveness and great adaptability to all classes of soil. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

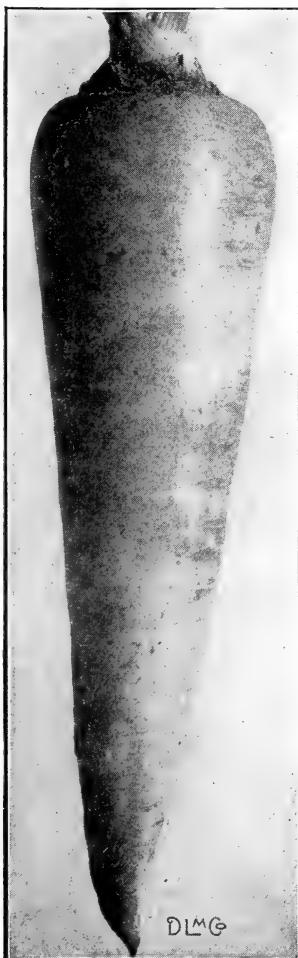
## Rubicon Half-Long

The finest bunch Carrot in existence today. This is an entirely new and distinct American strain, finely shaped and of beautiful deep orange color. It grows without neck, and is hollow crowned. It is excellent for growing under glass or outside at any season of the year. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

We have exercised the greatest possible care in selecting the best varieties of Carrots and the careful manner in which the seed has been saved will insure our customers purity of strain and the most satisfactory results.



Danvers Half-Long Carrots



Improved Long Orange Carrot

**Improved Long Orange** A well-known sort; roots long, thickest near the crown, tapering regularly to a point; color deep orange. It is a good keeper, and extensively grown for stock feeding. Pkt. 5c., and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**Early Chantenay.** The Carrots grow about 6 inches long, are stump rooted, very smooth, deep red, fine-grained, sweet and sugary. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**Pride of the Market** The highest colored and most beautiful yielder of all Carrots; smooth, straight and free from roughness; it is early, without core, very tender and sweet. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**Ox-Heart, or Guerande.** It is intermediate as to length between the half-long varieties (such as Danvers) and the Short Horn Carrot, but much thicker than the latter, attaining at the top from 3 to 4 inches in diameter. It is a very fine quality for the table. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**Early Scarlet Horn.** Early and popular; fine for the private and market garden. Grows about 4 inches long. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

## COLLARDS (Blatterfohl)

One ounce will produce 3000 plants.

Culture.—Sow seed as for Cabbage, in June, July and August for succession. Transplant when a month old in rows a foot apart each way and hoe often.

**True Georgia.** Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

## CORN SALAD, or FETTICUS

(Stetsalat)

One ounce will sow 150 feet of drill.

Culture.—Sow during August or early in September, in drills  $\frac{1}{4}$  inch deep and 6 inches apart. If the weather is dry when the seed is sown, tread it lightly to insure germination. Just before the Winter, cover thinly with straw or leaves. The seed may also be sown in the Spring.

**Large-Seeded.** The most popular variety grown. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

# CAULIFLOWER (Blumen Kohl)

*One ounce of seed produces about 2000 plants.*

**Culture.**—Cauliflower succeeds well in any soil where Cabbages will grow. It delights in a rich soil and abundance of water. Sow the seed in a hotbed in January or February, and when the plants are large enough, transplant 3 inches apart in boxes or in other hotbeds until time to plant out. If hardened off they are seldom injured by planting out as early as the ground can be properly prepared, in rows about  $2\frac{1}{2}$  feet apart, and 2 feet between the plants. The Cauliflower succeeds best when planted in frames at the close of Winter, and brought to maturity before the Summer heat sets in. Late varieties which mature in Autumn are sown and managed like Winter Cabbage.

## Henderson's Snowball Cauliflower

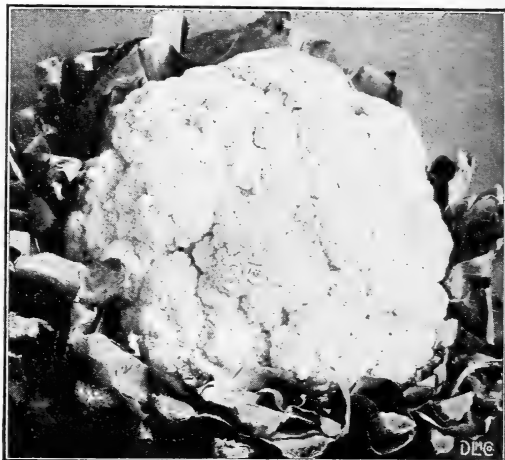
Is beyond question the best for either early or late. For family or market garden. For forcing or cold-frames. It heads where others fail. Henderson's Snowball Cauliflower is superior to all others. It is the earliest of all Cauliflowers. For forcing under glass during Winter and Spring Henderson's Snowball is peculiarly adapted. We are in a position to supply the most critical market gardener with seed which can be depended upon as the very best. Pkt. 10c. and 25c.,  $\frac{1}{2}$  oz. \$1.00, oz. \$2.00,  $\frac{1}{4}$  lb. \$6.00.

## Dry Weather Cauliflower

During some seasons, after a very late Spring, hot weather comes on very quickly. In such a year this variety has proven itself of exceptional merit. Very sure heading and second early. Heads larger than Snowball, and snow white. Our seed is A 1, and procured from the original grower in Denmark. Pkt. 10c. and 25c.,  $\frac{1}{4}$  oz. 50c.,  $\frac{1}{2}$  oz. \$1.00, oz. \$2.00,  $\frac{1}{4}$  lb. \$6.00.

## Early Favorite

This is very early, exceedingly hardy, easily grown, and perhaps the best sort for the inexperienced grower, as it will head under conditions in which many sorts would fail. Pkt. 5c., oz. 75c., 2 ozs. \$1.25,  $\frac{1}{4}$  lb. \$2.00.



Early Favorite Cauliflower



Chives

## Chicory (Chichrien)

*One ounce will sow a bed of four square yards.*

**Culture.**—Sow in Spring, in drills one-half inch deep, in good, mellow soil.

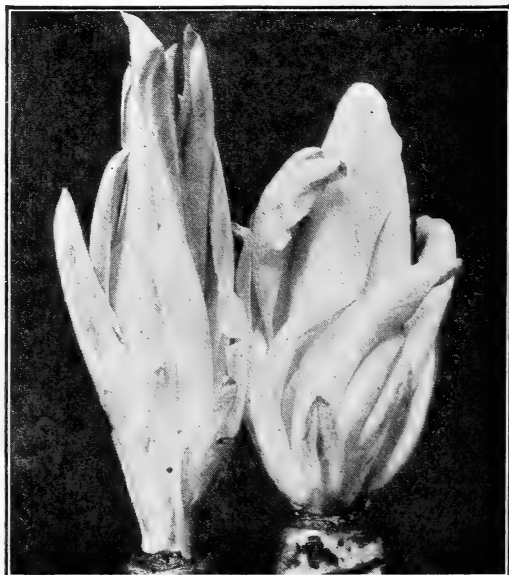
**Large-Rooted, or Coffee.** Leaves blanched, are esteemed as an excellent salad. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c.

## Witloof, or French Endive

Estimated as a salad plant. Spring-sown seeds produce Parsnip-like roots by November. Cut the leaves off  $1\frac{1}{2}$  inch from neck, trench  $1\frac{1}{2}$  inch apart, cover with soil 8 inch over crown; then place a 2 or 3 foot layer of fresh manure which induces new growth of blanched leaves folded like Cos Lettuce, which are eaten raw as salad. Pkt. 5c. and 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

## Chives

Chives are a small, hardy perennial plant, resembling the Onion in appearance and growing in clusters. They are grown for the young leaves which are produced freely from early in the Spring throughout the Summer. They give a mild Onion flavor to sausages, salads and various dishes. The tops appear early in the Spring, and can be shorn off close to the ground as needed. Roots, 20c. a bunch, 6 for \$1.00.



Witloof Chickory

# CELERY (Sellerie)

*One ounce will produce about 3000 plants. One-half pound of seed sufficient to sow one acre.*

**Culture.**—Sow the last of March or early in April, in drills 8 to 10 inches apart. The seed should be covered very lightly or merely pressed into the earth. When fairly out of the seed leaf they may be transplanted to another bed, or else thinned out to 4 inches apart, and let them grow until wanted for transplanting out into the beds or trenches in July. Some gardeners trim off the tops a little, while the plants are small, to make them grow more stocky. The trenches should be shallow, and about 4 feet apart, and wide enough to hold one or two rows. These rows should be 1 foot apart and the plants set about 6 inches apart in the row. As the plants grow, they should be earthed up to blanch them, care being taken not to let the earth get into the heart of the plant. For keeping over the Winter, bank up with earth and cover over with litter to keep out the frost, placing boards on top to keep out the rain.

## Paris Golden Self-Blanching (French Grown Seed)

It is of compact growth, with a large, solid heart, and thick-ribbed stalks, which blanch easily. It is crisp and solid, free from stringiness, and of most delicious flavor. Color beautiful golden yellow, both stalks and leaves. Largely used by our Southern truckers and gardeners. Our strain of this variety is unsurpassed. Pkt. 5c. and 10c., oz. \$1.00,  $\frac{1}{4}$  lb. \$3.50, lb. \$12.00.

## New York Giant Self-Blanching

It is earlier and larger than White Plume, and fully as large as Golden Self-Blanching; very solid and of

excellent flavor. It is by far the best white Celery that we know of, and can be sown very early without running to seed. It originated in a block of Giant Pascal, having the size and quality of the parent, but with a distinct self-blanching habit, which runs wonderfully true to type. As a table Celery we know of no superior. Pkt. 5c. and 10c., oz. 25c.,  $\frac{1}{4}$  lb. 85c., lb. \$3.00.

**New Easy Blanching** An attractive feature of this variety is that while the other stalks are green, it naturally produces many golden hearts which are decidedly crisp, very tender and of excellent flavor. In addition to these desirable qualities, it is one of the best of the Winter-keeping Celeries, and may be allowed to remain in the trench for a long time, and will come out in first-class condition, solid and free from rot. The plants make a strong growth and are very easy to blanch which is a decided advantage to the amateur gardener, and also a valuable feature for the market grower. Pkt. 5c. and 10c., oz. 25c.,  $\frac{1}{4}$  lb. 85c., lb. \$3.00.

**Improved White Plume** This matures and can be used earlier than any other Celery, being entirely white or light foliage which requires little earthing up to blanch. Its special features are, handsome appearance and good quality. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Giant Pascal** Of excellent flavor. Has large, thick, solid stalks, beautiful golden heart, and blanches quickly. Of splendid keeping qualities, and being one of the best for Winter use, is extremely popular. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Golden Heart, or Golden Dwarf.** A standard sort of excellent flavor. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Winter Queen** Grows very thick, solid, and has a heavy stalk, and has a large heart. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Schumacher** Beautiful golden heart and of fine flavor. This variety is grown largely by market gardeners. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**CELERY SEED.** For flavoring soups.  $\frac{1}{4}$  lb. 20c., lb. 50c.

## CELERIAC (Knoll Sellerie)

### or Turnip-Rooted Celery

*One ounce will sow a bed of nine square yards.*

**Culture.**—Sow in light, rich soil early in Spring; transplant in May in beds and water freely. When plants are full grown earth up the bulbs to a height of 4 or 5 inches. In a month they will be blanched. The roots will be ready in October and are used in soups.

**Large Smooth Prague** An improved form of Turnip-rooted Celery, producing large, smooth roots, which are almost round and of fine flavor. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.



Selected Strain French-Grown Paris Golden Self-Blanching Celery



# CORN (Zucker Mais) Sweet, or Sugar

**Corn Crop very short, prices subject to change without notice.**

*One quart will plant 200 hills. One peck sufficient for one acre in hills.*

**CORN.**—If wanted by mail, add for postage, 3c. per pt. and 5c. per qt.

Culture.—Plant in hills 3 feet apart each way, dropping five or six kernels in each hill, or in rows 3 to 4 feet apart, and the plants thinned out to 8 or 9 inches in the row. From May until the middle of July a succession planting can be made every 2 or 3 weeks, and by selecting the varieties a continued supply can be had until frost kills the plants.

## Schultz's Snow White Evergreen

Pearly whiteness and sweeter than any Sugar Corn grown. This is without doubt the most valuable Sugar Corn introduced for many years past. It is white as chalk, very pure and clear. All the large ears are filled with very deep, thin grains of pearly whiteness, and sweeter than any Sugar Corn grown. The stalks are of strong, vigorous growth, 6 to 7 feet high. All the good points of the famous Stowell's evergreen are retained and intensified in this superb variety. Pkt. 5c. and 10c., pt. 25c., qt. 50c., gal. \$1.75, pk. \$3.25, bus. \$12.00, ear 15c., doz. \$1.25.

## Ideal Extra Early

While not a Sugar Corn, the ears are large and fine, grains white and tender. The ears average 8 to 10 inches in length, and present an attractive appearance. For earliness the Ideal Extra Early is hard to beat. It can generally be depended on to come to maturity inside of 70 days. It can be planted fully as early as the Adams, for the plants are hardy and will stand slight frosts. We recommend Ideal Corn to all market gardeners as a money maker. Pkt. 5c. and 10c., pt. 15c., qt. 25c., gal. 75c., pk. \$1.25, bus. \$4.50.

## Country Gentleman

One of the most delicious and sweetest of all the Sweet Corns. A main crop variety. It is extremely productive. The small, irregular kernels are very deep and pure white in color. Ears average 9 inches in length. Our seed stock has been especially selected for sweetness and quality. Pkt. 5c. and 10c., pt. 25c., qt. 50c., gal. \$1.75, pk. \$3.25, bus. \$12.00; ear 15c., doz. \$1.25.

## Stowell's Evergreen

Large, fine flavored; ears borne in abundance, with deep kernels. Main crop sort. To supply the right seed of this favorite has been our careful effort. Seed sown near the Eastern Atlantic Coast has always shown by its flavor and shiveled, ripened kernels the highest percentage of sugar known. Long and deep kernels are also a characteristic of selected seed of Stowell's. We invite comparison of the stock we offer with that offered by lower-priced houses. Pkt. 5c. and 10c., pt. 25c., qt. 50c., gal. \$1.75, pk. \$3.25, bus. \$12.00; ear, 15c., doz. \$1.25.

## Golden Bantam

A very early Sweet Corn, with golden-yellow grain, very tender and of excellent quality. The ears are eight-rowed, 6 to 7 inches long and of the medium size; found most suitable for the table. The flavor is exceptionally rich and delicious. Pkt. 5c. and 10c., pt. 25c., qt. 50c., gal. \$1.75, pk. \$3.50.

## Howling-Mob

Is ready for use only three to five days later than the extra-early Cory, when both are planted at the same time, but the ears are so much larger in size, while the grains are much whiter and sweeter. Pkt. 5c. and 10c., pt. 25c., qt. 50c., ½ pk. \$1.75, pk. \$3.50.

**Stabler's Early.** Of larger size than usual for the early grades. Fine flavor. Pkt. 5c. and 10c., pt. 20c., qt. 30c., gal. \$1.00, pk. \$2.00.

## Kendel's Early Giant

A variety with ten or more rows of large grains of rich, sugary flavor. Pkt. 5c.

and 10c., pt. 25c., qt. 40c., pk. \$3.00, bus. \$12.00.

**Black Mexican.** A black grained variety, sweet and tender. Pkt. 5c.

and 10c., pt. 20c., qt. 30c., ½ pk. \$1.00, pk. \$2.00.

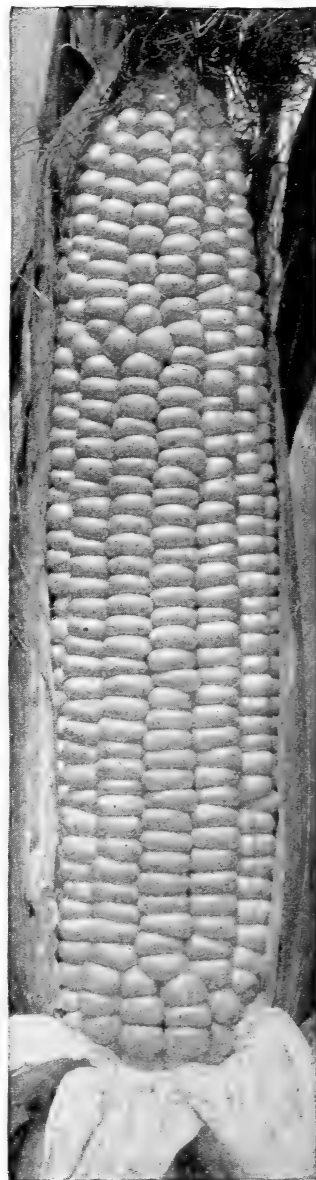
**Early Mammoth.** A valuable variety, at least ten days earlier than the Mammoth. Ears twelve-rowed, straight and handsome. Pkt. 5c. and 10c., pt. 20c., qt. 30c., gal. \$1.00, pk. \$2.00, bus. \$8.00.

**Late Mammoth.** Large, late variety; fine flavored, tender and delicious. Pkt. 5c. and 10c., pt. 20c., qt. 40c., gal. \$1.50, pk. \$3.00, bus. \$10.00.

**Rice Pop Corn.** A very handsome and prolific variety. Ears short, kernels long, pointed and resemble rice; color white. Lb. 10c., 3 lbs. 25c., 25 lbs. \$1.50.

**Adam's Extra Early.** It can be planted earlier than any other, but is not a Sweet Corn; short ear. Pt. 15c., qt. 25c., gal. 65c., pk. \$1.00, bus. \$3.50; ear 7c., doz. 50c., 100 ears \$3.50.

**Early Adams.** An excellent early variety and often used for table. Ears about 8 inches long. Pt. 15c., qt. 25c., gal. 65c., pk. \$1.00, bus. \$3.50; ear 7c., doz. 50c., 100 ears \$3.50.



Schultz's Snow White Evergreen  
Sugar Corn

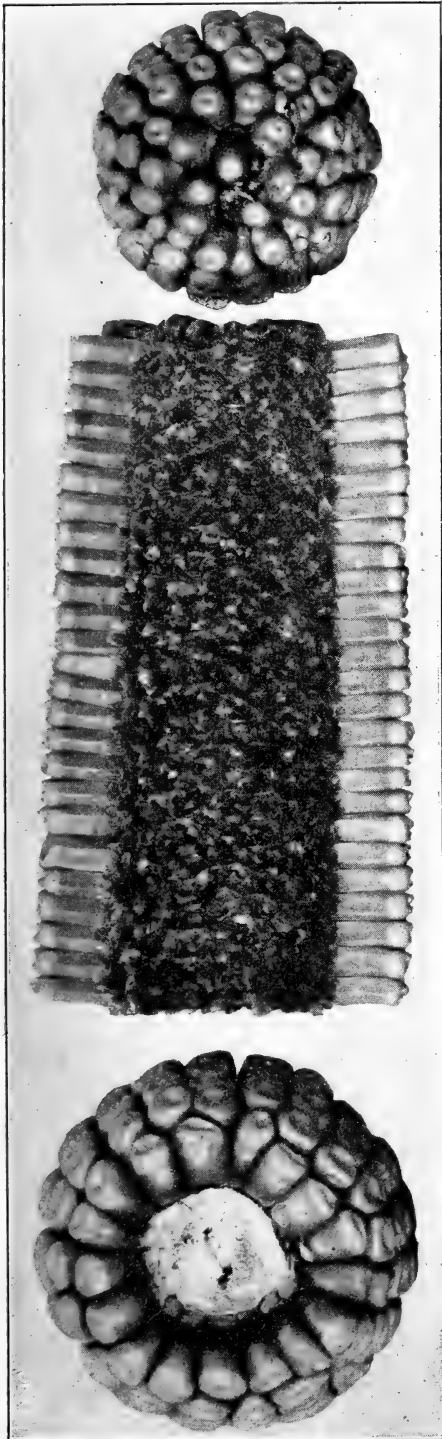
### SUCCESSION COLLECTION OF SWEET CORN

Golden Bantam, Extra Early,  
Kendel's Early Giant, Me-  
dium Early, Schultz's Snow  
White Evergreen, Main Crop.

# SCHULTZ'S TESTED FIELD CORN

*Six quarts will plant one acre in hills.*

**Selected Hand-Picked Quality. FOR FODDER AND ENSILAGE**



Thoroughbred Yellow Dent Corn

All our Field Corn is "Tipped" and "Butted" and selected on the ear before being shelled and tested for germination.

Attention is more and more being given to the careful selection of Seed Corn, and the very much larger yields that can be obtained by care and selection of the seed and in proper culture and tillage greatly increased results can be obtained. The interest in improved Seed Corn is attested by the various prize Corn Contests over the country, and these should be encouraged in every way. The varieties listed here are carefully grown for Seed and will be found first-class in every respect; all carefully tested for germination before sending out.

**Boone County White** Highly bred White Corn, big ear, long grain, heavy fodder growth. Is a highly bred White Corn, extra large ear, contains a high percentage of protein, maturing about medium. The ears range from 8 to 12 inches long,  $7\frac{1}{2}$  to 8 inches in circumference, with 18 to 24 rows of Corn, with from 1000 to 1200 grains to the ear, and averaging in weight from 12 to 18 ounces. The cob is medium to large, pure white, both butts and tips are remarkably well filled, grains are very deep, fine, large germ and the greatest yielding Corn in existence. Pk. 75c., bus. \$2.50.

**Hickory King.** Small cob, broad grain, eight-rowed, true stock. Smallest cob and the largest grained White Corn in cultivation. Ripens in 100 to 120 days. It husks and shells easily and produces much fodder. Pk. 75c., bus. \$2.50.

**Thoroughbred Yellow Dent** Deep grained, small cob; very heavy cropper. If any seed grain can truly be called pedigreed, the Thoroughbred Yellow Dent Field Corn is certainly entitled to be known as such, as its history dates many years back. It has been bred up and selected with painstaking care to what is at the present time one of the best varieties of yellow Corn grown. Ear medium in size, remarkably uniform, and of a bright yellow color, with solid, deep grain and small, red cob. Has from 18 to 24 rows of kernels on the cob, 50 to 60 grains in the row, and is well filled over the ends, and especially the butt, leaving a small shank, which makes it a great favorite with huskers. Best shredding sort, as it shatters the least of any by actual test. Pk. 75c., bus. \$2.50.

**Eureka Ensilage Corn** A very large-growing, leafy stalk sort, and one of the best silo Corns. White grain, grows 12 to 15 feet in height, makes an enormous lot of fodder and bears from three to five ears to the stalk. 150 bushels of shelled corn per acre is not unusual. Especially recommended to dairymen as it is strictly a fine Corn for the silo. Pk. 75c., bus. \$2.25.

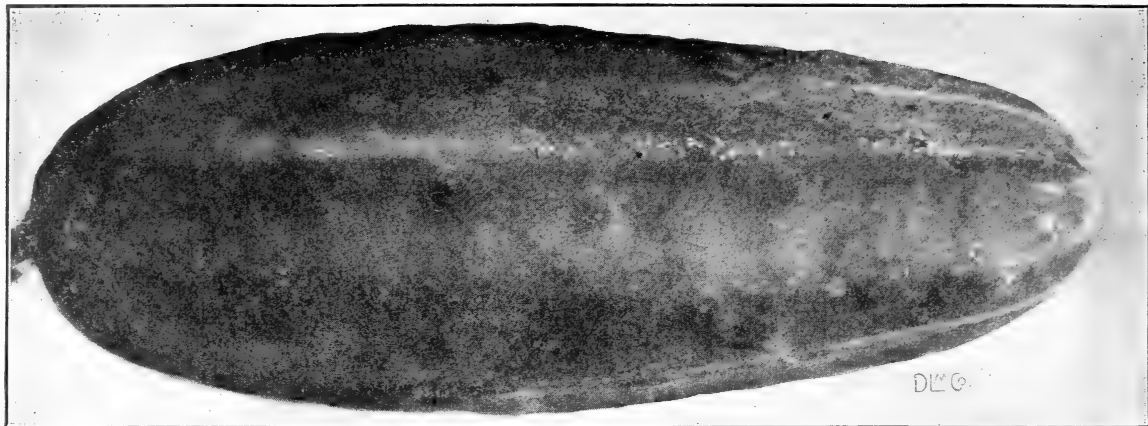
## CRESS (Kresse)

*One ounce will sow 15 square feet.*

**Culture.**—Easily grown during Winter on the greenhouse bench, in frames, or boxes, and splendid for salad, garnishing, or as an addition to Winter Lettuce. Sow seed very thickly in rows 3 to 6 inches apart under glass, or for Summer 1 foot apart in open ground. Sow over for succession, as it soon runs to seed. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it.

**Extra Curled, or Pepper Grass.** Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

**Water Cress.** Pkt. 5c. and 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.



Klondike Cucumber

## CUCUMBERS (Gurke)

*One ounce will plant about 50 hills; two pounds to the acre.*

**Culture.**—Sow the seeds early in the season in a hotbed, using small sods (grass side down) or flower pots, placing a few seeds in each. When all danger of frost is past, transplant into hills, which should be 4 feet apart each way. For general crop, a sowing may be made in the open ground in May, in rich, mellow soil, well manured, using eight or ten seeds to each hill, and when danger of insects is past, thin out to four plants to each hill. For pickles, sow from the middle of June to first week in July. Pick all fruit when of proper size.

**Schultz's Evergreen** This variety as it becomes better known is driving other sorts out of the market. We predict a great future for this sort. Earlier than the Improved Arlington White Spine and a heavier cropper. Truckers who desire an early Cucumber will find in this new variety a money maker. It is one of the most vigorous, strong and robust growers. Fruits are even size, very handsome shape, measuring about 8 to 9 inches in length; excellent for slicing. Fine for forcing or outdoors. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**Klondike** A medium early, white spined Cucumber of handsome, very dark green color and of excellent quality for slicing. The vines are very hardy and productive. The fruits when mature are about 8 inches long, and are uniform in size and shape. Color dark green, slightly striped at the ends. The dark green color is retained much longer and is affected less by the hot sun than any other sort with which we are familiar. Its uniform size and shape and splendid color are making this variety very popular as a shipping sort. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**Arlington White Spine** This is, without exception, the most profitable Cucumber for truckers, and is unsurpassed for the amateur. It is beyond question the earliest, most shapely and productive variety of this type; of a green color throughout its entire length, very straight and symmetrical. The quality is fine. Another strong point of merit is its shipping qualities; it seems to hold its color and brittleness long after being cut. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 20c., lb. 60c.

**Davis Perfect.** An excellent Cucumber for both outdoor use and forcing. It is a carefully selected strain of the extra long White Spine type, made by a veteran outdoor and greenhouse grower of Cucumbers. Its valuable points are length, slimmness and its dark green color. It is a very vigorous sort, and resists blight longer than most long sorts. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 20c., lb. 60c.

**Improved Long Green.** Selected stock. One of the best for slicing and pickles. A selection from the Long Green. The vines are very vigorous and productive. The fruit, which is about 12 inches long, is formed almost as early as the short sorts. They are firm, crisp, and of fine flavor. Those desiring a long, dark green Cucumber will find this strain unsurpassed. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 20c., lb. 60c.

**Jersey Pickling.** This famous sort makes splendid vinegar pickles on account of its color, making what picklemen call "light" pickle. It is more prolific than White Spine. New land, turned-over pasture, makes the nicest pickle. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 20c., lb. 60c.

**Small Gherkin.** A very small, oval, prickly variety, quite distinct from all others and grown exclusively for pickles. The seed is slow to germinate, requiring usually from two to three weeks. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Japanese Climbing.** This is a strong and vigorous grower. Vines throw out strong tendrils, which enable it to climb a trellis or any suitable support. Fine for pickling. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.25.



Jersey Pickling Cucumber

# DANDELION

(Löwenzahn)

*One ounce will sow 100 feet of drill.*

Blanched leaves of this plant make a most delicately flavored and wholesome salad. The quality is improved very much by blanching, which can be easily done by covering over the plants with boards.

**French (Common).** Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Improved Large Thick-leaved.** A thick-leaved variety of great productiveness and fine flavor: Pkt. 10c.,  $\frac{1}{2}$  oz. 25c. oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

# EGG PLANT (Eierpfplanze)

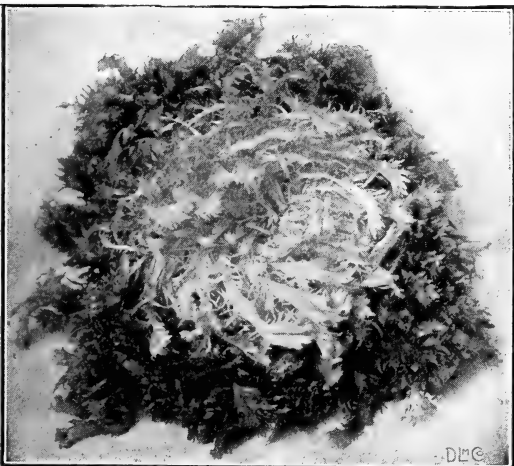
*One ounce will produce about 1000 plants.*

**Culture.**—The Egg Plant will thrive well in any good garden soil, but will repay good treatment. The seed should be sown in hotbeds the first week in March, care being taken to protect the young plants from cold at night. Plant out about June 1st, about 2 feet apart in row and 3 feet between rows. Egg Plants are very tender and will not stand frost. Sufficient plants may be raised for a small garden by sowing a few seeds in flower pots or boxes in the house.

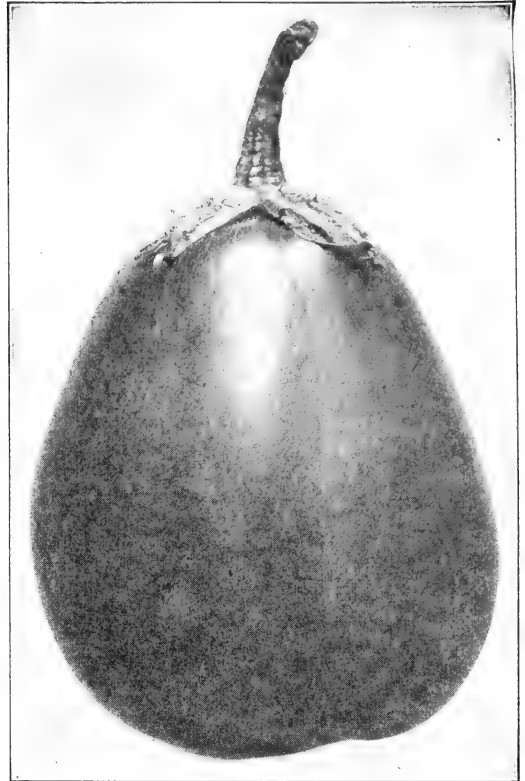
**Florida High Bush** A valuable variety, which grows a high bush and holds its fruit well off the ground. It resists drought and wet weather to a wonderful degree; very vigorous and productive, bearing very profusely its large purple fruits of fine shape and quality. An excellent shipper. Pkt. 5c. and 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$4.50.

**Black Beauty** From ten to twelve days earlier than New York Improved Purple. The fruits are broad and thick, of most attractive form, and of the finest flavor. The skin is rich, lustrous, purplish black. The intensely brilliant coloring is uniform over the whole fruit and does not fade or change to a lighter color at the blossom end. The calyx is entirely free from thorns. The fruits set most freely and are ready to market early, so that the entire crop can be gathered before there is any danger of frost. Pkt. 5c. and 10c.,  $\frac{1}{2}$  oz. 25c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

**New York Improved Purple.** Plants of vigorous growth and very productive. Fruits of large size, with smooth, glossy, deep purple skin. Pkt. 5c., and 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$4.50.



Green Curled Endive



Black Beauty Egg Plant

# ENDIVE (Endivien)

*One ounce will sow 150 feet of drill.*

**Culture.**—Endive is one of the best and most wholesome salads for Fall and Winter use. Sow in shallow drills in April for early use, or for late use in June or July. When the plants are 2 or 3 inches high, thin them out or transplant into moderately rich and rather light soil, 1 foot apart. When nearly full grown, and before they are fit for the table, they must be blanched by tying the leaves loosely together, which must be done when quite dry, or by covering with boards or flower pots.

**Broad-leaved Batavian (Escarolle).** Used in soups and stews; requires to be tied up for blanching. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Green Curled.** The hardiest variety grown; beautifully curled. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

(Copy Letter)

UNITED STATES SENATE  
Washington, D. C.

June 17, 1912.

My dear Sir: Being so well satisfied in every particular with the lawn I have succeeded in securing from the use of the White House Grass Seed, procured from you this Spring, I cannot refrain from writing you a line. Every time I look from the window on this lawn I feel that I owe you a debt of thanks, not perhaps because the seed germinated and grew, but because of the extreme courtesy with which I was treated in my dealings with your firm. Knowing nothing of the method of securing success with these seed, I was given a clear, concise explanation of how to proceed, by one of your clerks whose name, unfortunately, I do not know. I did exactly as I was instructed and as a result I have a magnificent lawn, which is indeed a pleasure to me and to my family, and I write this, not only as a testimonial to the character of the lawn seed I secured, but also to the character of the employees with whom you seem to be surrounded. You or your representative are at liberty to see this lawn if you care to call at my home any evening after six-thirty. Thanking you, I am

Very truly yours,

(Signed) M. H. LANMAN,  
No. 125 Quincy Place, N. E.

Mr. G. Edward Schultz, 304 10th St., N. W., Washington, D. C.

## KALE, or BORECOLE

(Krausfohl)

One ounce will sow 200 feet of drill; 2 pounds to the acre.

Culture.—Kales are very hardy and make excellent greens for Spring, Fall and Winter. The quality is improved rather than injured by frost if not too heavy. It is better not to cut nor handle the plants while frozen, but if this is unavoidable, thaw them out in cold water. For Spring use, sow in March, or early in April; for Fall and Winter use, sow in June, July and August.

### Schultz's Improved Imperial Curled

A beautifully curled and crumpled sort, of strong, vigorous habit. The leaves are a beautiful dark green color, and delicate in flavor. A striking feature in this Kale is that it will stand longer before going to seed than any other. In the latitude of Washington it will stand throughout the Winter without protection. Pkt. 5c. and 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.



Schultz's Improved Imperial Curled Kale

### Dwarf Green Curled Scotch or Norfolk

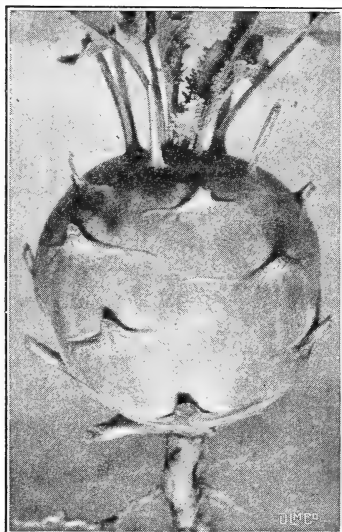
Plants dwarf

and compact, but with large, bright green leaves, curled, cut and crimped, until the whole plant resembles a bunch of moss. It would be well worthy of cultivation simply for its beauty. One of the best sorts in use. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

**Curled Long Standing.** A very hardy, quick-growing, coarse-leaf variety. Is much improved by moderate frost. Pkt. 5c.,  $\frac{1}{4}$  lb. 10c., lb. 30c.

**German Curled, or Siberian.** Extensively grown and well known. Of strong, vigorous habit, perfectly hardy; dark green color, and very attractive appearance. Pkt. 5c.,  $\frac{1}{4}$  lb. 10c.,  $\frac{1}{2}$  lb. 15c., lb. 30c.

**Tall Green Curled Scotch.** Very hardy and not injured by a moderate frost. About 30 inches tall, with many dark green leaves, exceedingly curled. Pkt. 5c., oz. 10c., 2 ozs. 15c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.



Kohl-Rabi, White Vienna

## KOHL-RABI (Kohlrabi)

One ounce will sow a drill 200 feet long.

Culture.—For early use, sow in March or April in hotbed or in open ground in May. Cover seed one-quarter inch deep; transplant into rows 2 feet apart and plants from 10 to 12 inches apart in rows.

### Early White Vienna

Extremely early, with distinctly small top. Bulbs of medium size, white, handsome and of best quality. Pkt. 5c. and 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

## LEEK (Lauch)

One ounce will sow 100 feet of drill.

Culture.—Sow early in April in drills 1 foot apart and 1 inch deep. When the plants are 6 to 8 inches high, transplant in a deep, rich soil, in rows 12 inches apart and 6 inches in the rows as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seeds may also be sown in August or September; plants transplanted in the Spring.

### Giant Carentan

Produces a large, thick, pure white stem and of mild, agreeable flavor.

Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

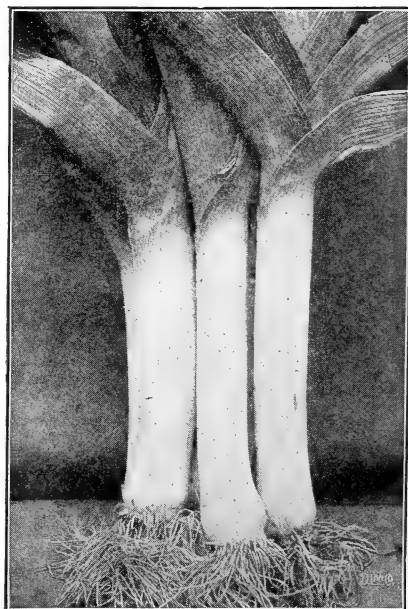
## MUSTARD (Senf)

Sow one ounce to 80 feet of drill.

Culture.—For early use sow in hotbed in March, and for general use at intervals during the Summer, in rows 6 inches apart and thick in the row. Cut when not over 2 inches high.

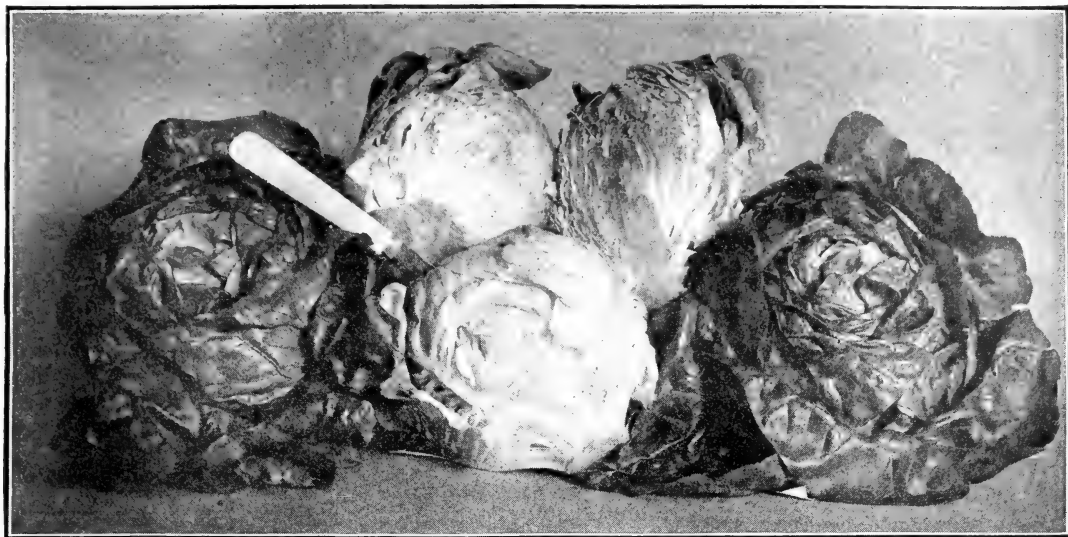
**White London.** The best variety for salad; the seed is also used medicinally, and as a seasoning for pickles. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 50c.

**Southern Giant Curled.** A crimped or frilled variety; produces large leaves; makes a very fine salad; flavor is all that can be desired. Plant in Fall for early Spring salad. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.



Giant Carentan Leek





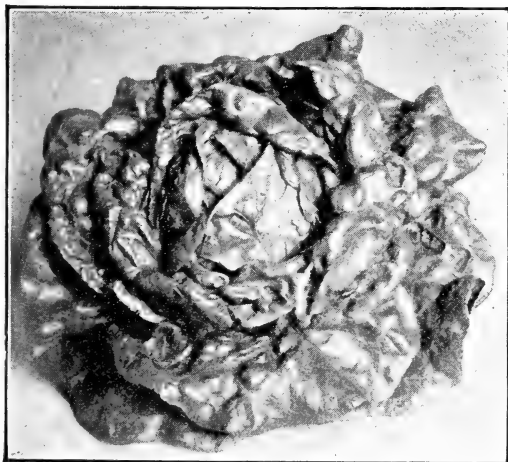
Schultz's Selected Big Boston Lettuce

## LETTUCE (Lattich, oder Garten Salat)

*One ounce will produce about 3000 plants; one ounce will sow 200 feet of drill.*

**Culture.**—Seed for the first outdoor crop is usually sown in hotbeds in February or March, and the seedlings transplanted to the garden in April, 8 to 12 inches apart, in rows 18 inches apart. For a succession until frost, sow in drills in the open ground at intervals of every 2 or 3 weeks, and thin the plants to stand 8 inches apart. For plants to force in hotbeds from November until Spring, sow seed in hotbeds in the Fall.

**Earliest "Wayahead"** Shows a remarkable combination of earliness, firm heading character, handsome appearance and fine quality. Both in coldframes early in the Spring and in the open ground—in Spring, Summer and early Fall months—it has proved to be not only the very earliest and surest heading of all early Lettuces we have ever grown, but also of the very finest quality at all seasons. The outer leaves are a light green, while all the inner leaves of the head are nicely blanched to a rich butter-yellow tint. Earliest "Wayahead" stands a longer time before running to seed than any other early head variety. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.



Black-Seeded Summer Lettuce

**Schultz's "All Heart"** A very superior variety of Cabbage Lettuce, appropriately named on account of the beautiful, hard head it makes. It is adapted to both Spring and Fall use. Forms large heads, leaves closely set, with extremely solid heart, even before it is half grown. The color is a beautiful light green and the flavor is excellent, being rich and buttery. Pkt. 5c. and 10c., oz. 20c.  $\frac{1}{4}$  lb., 50c., lb. \$1.50.

**Schultz's Selected Big Boston** The most popular variety for every purpose on the market. Gives equally good results under glass or in the open. Of the head types it is easily the leader. Leaves are light green and very tender. Our strain of this variety is unsurpassed. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.25.

**Henderson's Tender Heart.** An early head Lettuce. Every plant uniformly perfect, about 10 inches across, and nearly all head with but few outside leaves. The large, round heads are compactly formed of waxy-cream colored heart, leaves of splendid substance and of extra fine quality, tender, crisp, succulent and sweet; attractive and appetizing when served. Pkt. 5c. and 10c., oz. 20c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Black Seed Summer** A very superior variety of Summer heading Lettuce. It is adapted to both Spring and Summer use, as it withstands intense heat without going to seed. It forms a large, deep, bright green, solid head; its leaves are very tender and slightly crumpled. The flavor is excellent, being rich and buttery. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

## LETTUCE—Continued

**May King** A recent variety of great value on account of its extreme earliness, large size and tenderness. Will head with heat as well as out of doors, though it attains a better size with open air culture. Has a globular-shaped head of enormous size, hard and well closed. A decided acquisition. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**Salamander** For a Summer variety this is one of the best; good-sized heads, and stands drought and heat with little injury. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Golden Queen.** Golden yellow, solid heads, fine for forcing. Of medium size. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Grand Rapids Forcing** There is no better forcing variety among the curled-leaved sorts than the Grand Rapids, and it is quite as good for outdoor culture as other sorts. Large, beautiful leaves, very crisp and tender. Pkt. 5c. and 10c., oz. 15c. 4 ozs. 40c., lb. \$1.25.

**White Summer Cabbage.** Heads firm, bright green, with thick, tender leaves, the inner ones blanched a beautiful, creamy yellow. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**Maximum, or Immensity.** A very large heading variety, one of the largest of the Cabbage sorts and almost a third larger than California Cream Butter, which it resembles in color and shape. It is especially adapted for planting in the Spring and Summer, and makes a fine, tender, buttery head. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**Schultz's Large White Loaf** A large heading Lettuce, with a light green color; crisp and tender; unsurpassed for outdoor planting in the Fall to stand over Winter, and equally good for coldframe culture. We do not recommend it for early Spring sowing, as it has a tendency to shoot to seed when the weather becomes warm. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Tennis Ball or White Forcing** A decidedly butter variety, strictly Cabbage heading; small, very early. The head is globular, very firm, with leaves closely overlapping one another. Color medium green, never spotted nor brownish in any part. Fine quality, sweet and buttery. A most valuable sort for the market gardener for growing in hotbeds or greenhouses. Pkt. 5c. and 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.



Trianon Cos, or Romaine Lettuce



May King Lettuce

**Hubbard Market.** A popular variety for outdoor growing. Makes large, solid heads. Stands cold weather. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Unrivalled** A sterling new variety of the Big Boston type, without the brownish tinge which appears in that variety. It is similar in shape, appearance and growth to the Big Boston, but with the added attractiveness of being a most decided improvement. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Big Head.** Is a large, solid, most satisfactory variety for market. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**California Cream Butter.** This variety forms very solid heads which are tender, crisp and have a rich, buttery flavor. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**Baltimore Oak Leaf** This Lettuce will resist the heat of Summer and stand longer before running to seed than any variety we have ever known. It makes a large head and is very popular. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Market Gardener's Private Stock.** Largely grown for a Midsummer crop. It possesses the merit of being slow to seed. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Deacon.** A very desirable Lettuce; heads are crisp and tender. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**Mammoth Black-Seeded Butter.** It is a Cabbage-headed Lettuce; rich, buttery flavor. It resists heat and drought. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.00.

**Improved Hanson.** This is a well-tried and popular sort. Firm heads; sweet, crisp and tender. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**Curled Simpson.** A most satisfactory early sort; it does not head, but forms a compact mass of curly leaves which are very tender and most crisp. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**Trianon Cos, or Romaine.** The heads are long and conical, often measuring 10 inches high by 18 inches in circumference. A short while before cutting, tie up the leaves, and they will blanch quickly and form solid heads, becoming as crisp as Celery stalks, tender and of excellent flavor. Pkt. 5c. oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

# MUSK MELON, or CANTALOUPE

(Melonen)

One ounce will plant 50 hills; two or three pounds for one acre.

Culture.—Sow in light, rich, sandy soil after it has become warm and dry, in hills 5 to 6 feet apart, six to ten seeds in a hill. When up and all danger of insects has passed, pull out all but three plants. Pinch the ends of the growing vines to induce fruiting. Ashes, air-slacked lime or tobacco dust are excellent to sift over the young plants when the dew is on, to prevent attacks of insects.

## Schultz's "Money Maker"

**Cantaloupe** It has every characteristic that a good Cantaloupe should have, namely, blight or rust-resistant tendency, a deadly disease which manifested itself in nearly every crop of Cantaloupes in past years. Perfection in shape and size, being of the same shape as the old Rocky Ford, but slightly larger in size. In flavor it is deliciously sweet, having a taste that is rich and luscious, being of the desired sweet, spicy flavor. The small cavity, solidly filled with seed, a thick flesh, with smooth, firm texture, green in color and netting on the skin that outclasses anything yet introduced. The netting of a Cantaloupe such as this one enjoys is a fancy feature, and without question is the essence of its appearance on the market. On the whole, it is an ideally perfect Melon—one that will give absolute satisfaction both to the grower and consumer. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

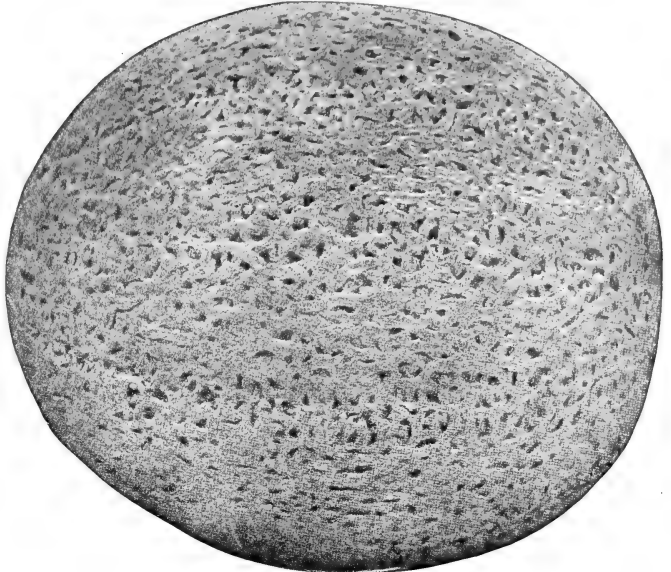
**Schultz's Sweet Air** This green-fleshed Musk Melon has had a wonderful reputation around Washington and Baltimore markets, and fully deserves to be known over a wider territory. It grows very uniform in shape and size, averaging about 9 inches in length, from stem to blossoms, and 6 to 7 inches in the other direction; handsomely netted, very thick meat, with a delicious sweet flavor. Every Melon grower is to be congratulated who plants a crop of this magnificent Melon, as it will be sure to please the grower, the merchant to whom it is sold, and the family for table use. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**Burpee's "Fordhook"** is most vigorous in growth, extra early, and very prolific. The fruits are ready for market fully as soon as the green-fleshed Early Jenny Lind. The firm, solid flesh is very thick, of an attractive, deep salmon color and surpassingly sweet to the very rind. It is already acknowledged by planters generally as decidedly the best salmon-fleshed Melon to grow for market. The vines grow vigorously and each vine sets from five to nine Melons immediately around the stem; frequently the fruits touch one another. The Melons are remarkably even in size, weighing from 1 lb. 8 oz. to 2 lbs. each. They are always of the handsome form and attractive appearance. "Fordhook" produces practically no Melons unfit for market. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**Rocky Ford.** It is one of the finest early Melons, and one of the best for market gardeners and shippers as well as for the home garden. It is oval in shape, slightly ribbed, and covered with a coarse netting. The flesh is thick, green in color, very sweet and juicy, and solid clear to the rind. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

**Tip Top** This very productive Melon is of large size, nearly round, slightly ribbed and fairly well covered with shallow netting; skin light yellow when mature. The flesh is deep yellow in color, very rich and highly flavored. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**Hackensack, Extra Early.** Very early. Fruit is large and flattened. Ribs large and of irregular width, densely covered with coarse netting. Green flesh, thick and excellent flavor. Always in demand in this market. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.



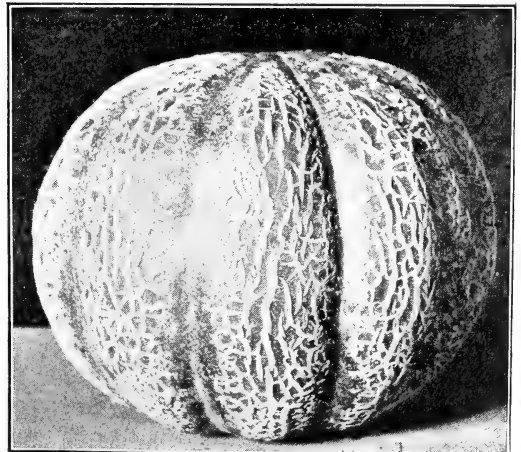
Schultz's "Money-Maker" Cantaloupe

**Emerald Gem** It is of a rich, delicious flavor and fine quality. Very early and prolific; skin is striped deep emerald green with a few light colored stripes. Flesh is very thick and salmon color. Exceedingly popular variety for market gardener or home use. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**Jenny Lind.** Green flesh, extra early and one of the sweetest in cultivation. Medium size. Pkt. 5c., and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**Baltimore Nutmeg** (Acme). Has a beautiful heavily netted green skin; good size; shape oval; slightly ribbed; flesh thick, green, very finely flavored, smooth always very sweet and most productive. Pkt. 5c., and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**Petoskey, or Paul Rose.** Nearly oval, slightly ribbed, netted; flesh thick and orange color. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

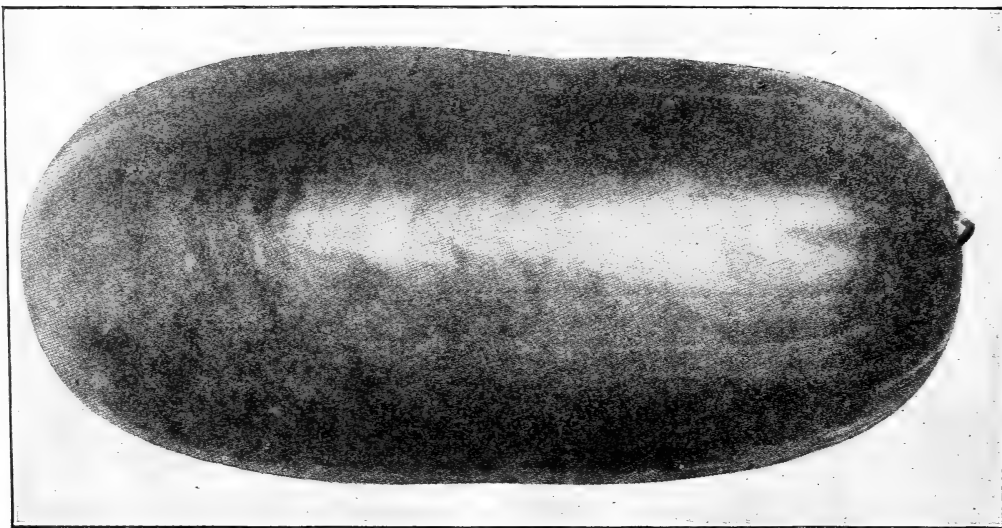


Burpee's Fordhook Cantaloupe

# WATER MELON (Wajjermelon)

One ounce will plant about 30 hill ; four pounds to the acre.

Culture.—Treat the same as Musk Melon, except that they should be planted 8 to 10 feet apart each way. Plant in light, rich, sandy soil.



Tom Watson Water Melon

## Tom Watson Water Melon

Fruit very large, mottled green color, tough rind, flesh brilliant scarlet, flavor most delicious. An extra long Melon of attractive appearance, uniform in shape and quality. The luscious crimson flesh is as "sweet as honey," melting, and of superb flavor. The average Melon will weigh 35 to 40 pounds and measure about 28 inches long and about 12 inches in diameter. It is very prolific, producing in greatest abundance the large, delicious fruits. (See illustration of specimen fruit above.) We have great faith in the Tom Watson and believe it is one of the very best Water Melons ever offered. Sure to take a leading place with large Melon growers and shippers. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 60c.

## Halbert Honey

A very sweet, long, dark green variety. Fruits average 18 to 20 inches long, have a thin rind and deep red meat of delightfully delicious flavor; pulp entirely free from stringiness; seeds white. One of the finest for the home garden. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

## Monte Cristo, or Kleckley's Sweets

Unsurpassed for home use or near markets. Vine vigorous and productive; fruit medium to large, oblong, tapering slightly toward the stem end, dark green, often showing fine russetting. Flesh very bright, rich red, exceedingly sweet. So crisp and tender that it will not stand shipping, the fruit bursting open if subjected to even a slight jar, or when the rind is penetrated with a knife. Seed white. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

## Florida Favorite

A splendid Melon of very large size and excellent quality. Fruit long, dark green, mottled and striped with lighter shade; rind thin but firm. Flesh very bright, deep red, very sweet and tender. Vines vigorous and productive. Seed white. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

**Sweet Heart.** Vine vigorous and very productive, ripening its fruit evenly. Fruit of largest size, oval, very heavy, rind thin but firm; color very light green, very slightly veined with a little darker shade. Flesh bright red, firm, but very tender and sweet. Fruit remains in good condition a long time after ripening. Fine for home use or shipping. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

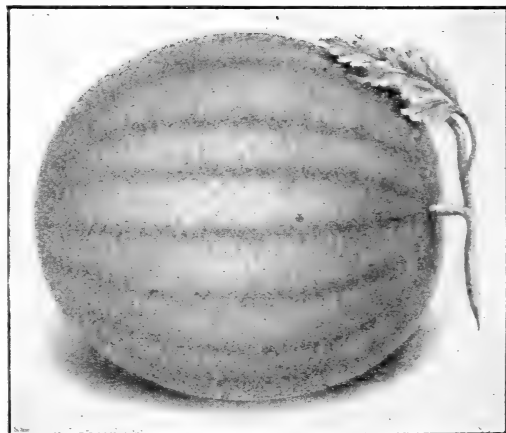
**Gypsy, or Georgia Rattlesnake.** One of the largest oldest and most popular sorts. Fruit very long, of light green color, distinctly striped and blotched with a darker shade. Flesh bright scarlet, very sweet and tender. Vines large and vigorous. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

**Gray Monarch, or Long Light Icing.** Fruits uniformly long and large, a little irregular in shape, light green, slightly veined with a little darker shade. Flesh deep, rich red, and of splendid quality. Seed white. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

**Blue Gem.** A dark bluish-green color, very uniform in size and shape, crimson flesh, equal to any as a shipper. Pkt. 5c. and 10c.,  $\frac{1}{4}$  lb. 15c.,  $\frac{1}{2}$  lb. 25c., lb. 40c.

**Triumph.** A favorite market and shipping Melon. It is early, prolific, and averages very large. The rind is of dark green color, with indistinct stripe; flesh solid and sweet. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c.,  $\frac{1}{2}$  lb. 25c., lb. 40c.

**Citron.** Medium size, uniformly round, used only for preserves or pickles. Color dark green, distinctly striped and marbled with light green. Flesh white and solid, but not at all suitable for eating raw. Seed red. Pkt. 5c., oz. 10c., 2 ozs. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 85c.



Citron Water Melon



# ONION (Zwiebeln)

*An ounce will sow 100 feet of drill; four to five pounds to the acre.*

**Culture.**—Sow in rich soil, in drills 1 foot apart, as soon as the ground can be worked in the Spring; thin out to 2 inches apart in the row, carefully keeping down the weeds. The finest Onions are produced by sowing the seed in a hot-bed in February or March, and transplanting the seedlings to the open ground 3 to 4 inches apart, in April. For sets, sow the seeds as early as possible in the Spring, very thickly, in drills; as soon as the tops die off in Summer remove them to a dry, airy place; and early in the following Spring replant by placing the sets in shallow drills, 12 inches apart, and 2 inches apart in the drills.

## Silver Skin, or White Portugal

This variety is one of the leading white sorts and is of beautiful shape and very mild flavor; the bulbs are flat in shape and mature early. It is a splendid variety for both family use and the market gardener, and is very largely used for growing sets on account of its fine shape when small and also for its good keeping qualities. It is also extensively used as a pickling Onion, for which purpose it seems to be finely adapted. Pkt. 5c. and 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Southport White Globe** The handsomest Onion grown; beautiful silver skin, perfect globe shape. Forms handsome, hard Onions with wax-like, pearl-white flesh. Is used a great deal for green Onions owing to the clear white stem. Pkt. 5c. and 10c., oz. 25c.,  $\frac{1}{4}$  lb. 85c., lb. \$3.00.

## Mammoth Prize-taker, or Spanish

This is the large, pale yellow Onion that is offered for sale in the fruit stores and markets in the Fall. It grows to a very large size; flesh white, of mild and delicate flavor. The large Onions are raised the first year from seed, and with ordinary culture, produce enormous crops. Pkt. 5c. and 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Southport Yellow Globe** A fine, orange-yellow, globe-shaped variety. Is a heavy cropper and forms a long-keeping, hard bulb. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Yellow Globe Danvers.** A standard sort and one of the most desirable; an excellent keeper and very productive. Our strain of this variety is the true globe shape. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.



Silver Skin, or White Portugal Onion

**Large Red Wethersfield.** Large; skin deep purplish red; form round, somewhat flattened; flesh purplish white; moderately fine grained and stronger flavored than any of the other kinds. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Australian Brown.** The bulbs are perfectly globe-shaped; quick to mature; a long keeper, solid and heavy. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

# CHOICE ONION SETS

Prices subject to market changes

*One quart will plant 40 feet of row; eight to ten bushels per acre according to size of sets.*

**Culture.**—Onion Sets should be planted out as early in the Spring as the ground is dry enough to work; plant them in rows 1 foot apart, with sets 2 inches apart in the row.

**Yellow Onion Sets.** Pt. 10c., qt. 20c., 4 qts. 50c., pk. 85c., bus. \$3.00.

**White Onion Sets.** Pt. 15c., qt. 25c., 4 qts. 75c., pk. \$1.25, bus. \$4.00.

**Red Onion Sets.** Pt. 10c., qt. 20c., 4 qts. 50c., pk. 85c., bus. \$3.00.

**Yellow Potato Onions.** Pt. 15c., qt. 25c., 4 qts. 90c., pk. \$1.50.

**Egyptian, or Perennial Tree.** Pt. 10c., qt. 15c., 4 qts. 40c., pk. 65c., bus. \$2.00.

**When larger quantities of Onion Sets are desired, write for prices.**



Choice Onion Sets

## Note Our Specialties in Vegetable Seeds

on pages 2, 3, 4, and 5  
Don't fail to give them all a trial. You will be peculiarly pleased

## PARSLEY (Petersilie)

*One ounce will sow 100 feet of drill.*

**Culture.**—Parsley seed germinates very slowly, taking two to four weeks to come up; hence, if wanted early, no time should be lost by delaying the sowing. Make the rows 12 to 14 inches apart. Thin to 3 or 4 inches apart, or transplant at this distance. Can be sown in hotbeds in February, or later in open ground. Late in Autumn place frames over some of the plants to lengthen out the season of cutting. For garnishing purposes nothing equals Parsley; it is also used in salads, soups, etc. Any good soil will suit for growing this plant.

### Schultz's Selected Triple Curled

A distinct and handsome variety of quick, robust growth, forming compact, ornamental plants, densely furnished with strong-stemmed graceful leaves, finely cut, most beautifully curled, and of that brilliant emerald green color so highly attractive when used for garnishing. The flavor of the leaves is also unusually rich and aromatic, rendering this variety of special value where used for flavoring in sauces, dressing, etc., either when fresh or dried. (See cut.) Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**Champion Moss Curled.** Leaves are of exceedingly dark green color, very finely curled, making it most attractive for garnishing, while the plant is very attractive as a border. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**Double Curled.** Very robust, free growth. Leaves are large, very dark green and beautifully curled. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 60c.

**Plain Leaf.** Leaves are longer and darker green than the curled varieties; very hardy. Excellent for seasoning. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 60c.

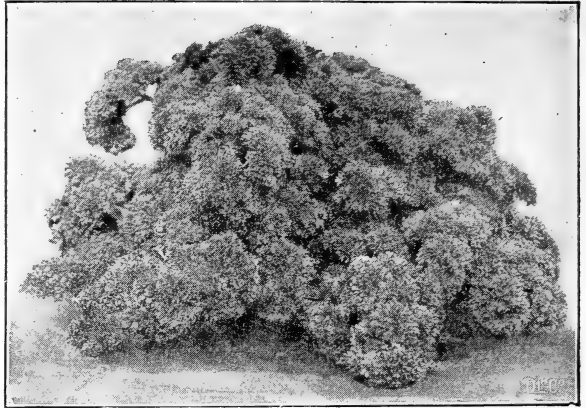
## PARSNIP (Pastinack)

*One ounce will sow 100 feet of drill.*

**Culture.**—Sow in Spring as soon as the weather will permit in rows 18 inches apart. Cover seed  $\frac{1}{2}$  inch deep; thin out to 5 inches apart in row when plants are large enough. A little frost improves the flavor. Take up what is wanted for Winter, leaving the rest in the ground for Spring.

### Perfect Hollow Crown

This is a highly improved type, producing uniformly large and handsome roots of stocky form, heavy at the shoulder, perfect hollow crown. The roots are smooth and free from wrinkles and side roots. The flesh is white, of fine texture,



Schultz's Selected Triple Curled Parsley

free from core and stringiness, and especially fine flavored, cooking tender, sweet and rich, rendering it one of the finest of table vegetables for Winter use. The roots may remain in the ground all Winter, as frost improves their quality. We recommend it for both garden and field culture. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

## OKRA (Dher)

*One ounce will plant 100 hills.*

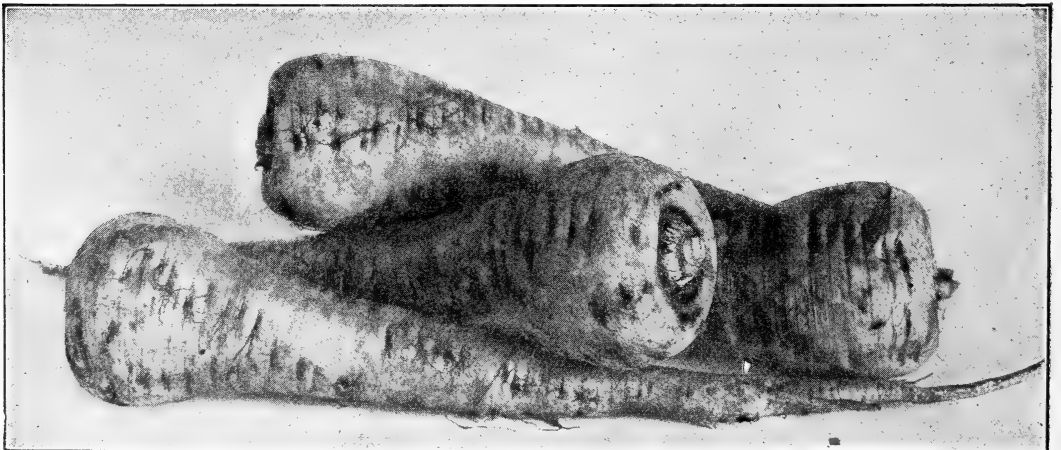
**Culture.**—Sow about the middle of May when the ground is warm, in hills about 3 feet apart; cover seed  $\frac{1}{2}$  inch and thin plants to three in a hill. Keep ground well hoed and earth up around the plants to support them. Gather pods while young and tender. Excellent for soups and stews, etc., to which they impart a rich flavor.

### Perkins' Mammoth

The pods shoot out from the stalk within 3 inches from the ground and the entire plant seems to be covered with pods of intense green color and unusual length and pod does not get hard quickly. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

**Dwarf Green.** The best of the dwarf sorts. It makes a stocky growth of plant and is very productive. The pods are long, slender and of a light green color. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

**Improved Long Green.** An old-time favorite; very productive and bears long pods, which are of good quality. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.



Perfect Hollow Crown Parsnip

# GARDEN PEAS (Erbsen)

**PEAS.**—If wanted by mail, add for postage, 4c. per pt., 8c. per qt.

*One quart will plant 100 feet of drill; from one to two bushels per acre.*

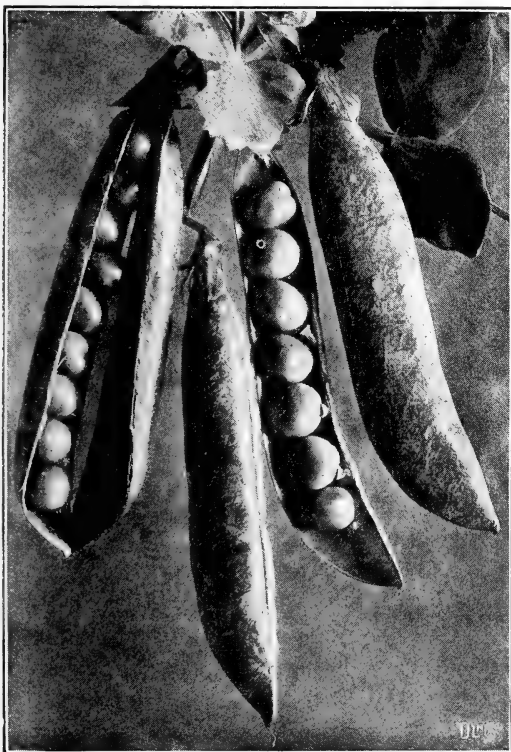
**Culture.**—Peas mature earliest in a light, rich soil; for general crop, a rich, deep loam is best. Sow in double rows 6 to 8 inches apart, the rows 2 to 4 feet apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March; continue for a succession every two weeks until June, then discontinuing until the middle of August, when a good crop may be secured by sowing the extra early and early sorts for Fall use. They should be kept clean and earthed up twice during the growth. The wrinkled varieties are not as hardy as the small, round sorts, and if planted early should have dry soil, or they are liable to rot in the ground; they are, however, the sweetest and best flavored varieties. The dwarf varieties are best suited for small gardens, planted in rows 1 foot apart.

## Extra Early Varieties

**Schultz's Big Marvel** This is the earliest large-podded Pea in cultivation. The peas are tender, sweet, of extra size; pods average 5 inches long and contain from 7 to 9 peas of enormous size and excellent quality. Height 2 feet. (See illustration on page 2). Pkt. 5c., and 10c., pt. 20c., qt. 35c., 4 qts. \$1.25, pk. \$2.50, bus. \$9.00.

**Laxtonian** A new dwarf Gradus. This is the largest podded of all the early dwarf varieties and is a new sort of decided merit. The vines are vigorous, growing about 16 inches high, and produce a large crop of good-sized pods, averaging from 9 to 10 peas to the pod. The peas are of exquisite flavor and mature early. Many people who have tried Laxtonian consider it superior to either Gradus or Thomas Laxton, and claim it to be the best of all the early dwarf sorts. It is certainly worth a trial. Pkt. 5c. and 10c., pt. 20c., qt. 35c., 4 qts. \$1.25, pk. \$2.50, bus. \$9.00.

**Extra Early Pilot** Can be planted fully two weeks earlier than Gradus. Withstanding the cold wet grounds without rotting, and while not a wrinkled sort, the pods and peas are almost equal in size and flavor to Gradus. The vines, which are vigorous in growth, attain a height of 3 feet. Pkt. 5c. and 10c., pt. 20c., qt. 30c., 4 qts. \$1.00, pk. \$2.00, bus. \$7.00.



New Wonderful Peas

**New Wonderful** The earliest and most productive of all extra early Peas. Introduced by us in 1906. This variety is of extremely robust growth, and produces an abundance of very large pods, filled with deliciously sweet peas. It is fully as early as Alaska. Pods are usually larger, with more of them per plant, and it has decided advantage in being more hardy; being a round-seeded variety, it may be sown earlier. Height 3 feet. (See illustration foot of page). Pkt. 5c. and 10c., pt. 20c., qt. 30c., ½ pk. \$1.00, pk. \$2.00, bus. \$7.00.

**Gradus or Prosperity.** The most popular of the long, large podded, wrinkled Peas. Of the finest quality, and matures pods only a few days later than the extra early smooth Peas. Vines grow about 2½ feet high; very large. Are of superior quality in size and flavor. Always salable as a market variety. Pkt. 5c. and 10c., pt. 20c., qt. 30c., 4 qts. \$1.00, pk. \$2.00, bus. \$7.00.

**Thomas Laxton** This splendid English variety closely resembles the Gradus in habit and rapidity of growth, earliness and luxuriance of foliage. It is however, even more productive than the Gradus, and has proved to be a sure cropper. The pods are large, square or blunt, being even better filled than the Gradus. Height 3 feet. Pkt. 5c. and 10c., pt. 20c., qt. 30c., 4 qts. \$1.00, pk. \$2.00, bus. \$7.00.

**Little Marvel** For the earliest crop this variety is better than either American Wonder or Nott's Excelsior, as it matures earlier and the pods contain more peas. It is dwarf, growing about 15 inches high, and the plants are very productive, bearing many twin pods, which are dark green in color. Pkt. 5c. and 10c., pt. 20c., qt. 30c., 4 qts. \$1.00, pk. \$2.00, bus. \$7.00.

**Earliest of All, or Alaska.** Very early, popular Peas. Height 2½ feet. Pkt. 5c. and 10c., pt. 20c., qt. 30c., pk. \$2.00, bus. \$7.50.

**American Wonder.** Excellent for family use. Height 12 inches. Pkt. 5c. and 10c., pt. 20c., qt. 30c., pk. \$1.75, bus. \$6.00.

**Nott's Excelsior.** Vines dwarf in habit, wonderfully productive. Height 12 inches. Pkt. 5c., and 10c., pt. 20c., qt. 30c., pk. \$1.75, bus. \$6.00.

**Premium Gem.** Bears abundantly; sweet and tender. Height 12 inches. Pkt. 5c. and 10c., pt. 20c., qt. 30c., pk. \$1.75, bus. \$6.00.

## NOTE

Our Big Marvel and New Wonderful Peas are so well known and are so much sought after that other firms are offering Peas under their names. We have tested many of these and find some entirely untrue and others of inferior strain. Be sure to get our highly selected type, which are procurable only direct from us.

S. S. S.

## GARDEN PEAS—Continued

Our Seed Peas are of the best quality obtainable, being all grown far north, thoroughly cleaned and carefully hand-picked. They are raised from finest selected strains, and the growing crops are thoroughly rogued to remove all improper types of growth.

## Second Early and Late Sorts

**British Wonder** Even sweeter in flavor than either Gradus or Thomas Laxton! The growth is similar to Dwarf Telephone, except that the foliage is darker green and pods are not so sharply pointed. It is however, much more reliable, as it is a sure cropper! The vines grow from 15 to 18 inches high. The pods are produced most abundantly and uniformly well filled with large, dark green Peas. The Peas mature a little earlier than Stratagem. Pkt. 5c. and 10c., pt. 20c., qt. 35c., 4 qts. \$1.25, pk. \$2.50, bus. \$9.00.

**Schultz's Top Notcher** Medium late, long, dark green pods, sweet, tender and luscious. An improved Telephone; very useful for exhibition. One of the finest Peas ever put on the market. A customer said: "Next year, I shall grow only two Peas, and one is Top Notcher." Height 5 feet. Pkt. 5c. and 10c., pt. 20c., qt. 35c., ½ pk. \$1.25, pk. \$2.50, bus. \$9.00.

**Prince Edward** The giant of the Pea family, producing pods attaining to the extraordinary length of 6 inches and upward, closely packed with 9 to 11 large, dark green Peas of fine flavor. The plant is of branching habit, 6 feet in height, with dark green foliage. It is of a very vigorous and robust constitution. The pods are produced in great profusion, mostly in pairs. Pkt. 5c. and 10c., pt. 20c., qt. 30c., 4 qts. \$1.00, pk. \$2.00, bus. \$7.00.

**Telephone** The favorite late variety for the market gardener. Extra large pods. Vine large, coarse leaves, height about 4 feet. The pods are very large and filled with immense peas. Tender, sweet and of splendid quality and flavor. Pkt. 5c. and 10c., pt. 20c., qt. 30c., pk. \$2.00, bus. \$7.50.

**Potlatch.** Strong, vigorous vines of even growth, 20 to 24 inches in height, with luxuriant, dark foliage, bearing pods, medium green in color, 3½ to 4 inches in length. Broad and pointed at the ends. No variety known will produce more pods, and no pods could possibly shell out better. Fit for table, use 61 days from planting. Seed green, wrinkled, large in size. Pkt. 5c. and 10c., pt. 20c., qt. 30c., 4 qts. \$1.00, pk. \$2.00, bus. \$7.50.

**Horsford's Market Garden.** A first-class wrinkled Pea; second early; height 24 inches. Does not require stakes. A single plant has been known to produce 150 pods. The pods are borne in pairs and are easily and quickly picked. This variety is claimed to easily yield more shelled Peas to the acre than any other variety. Pkt. 5c. and 10c., pt. 15c., qt. 25c., gal. 85c., pk. \$1.50, bus. \$5.50.

**Champion of England** Of delicious flavor; desirable for home use. Very much superior in flavor and table qualities to the Marrowfat Peas. Pkt. 5c. and 10c., pt. 20c., qt. 30c., pk. \$1.50, bus. \$5.50.

**Duke of Albany** (American Champion). Immense pods on style of Telephone. Height 5 feet. Pkt. 5c., and 10c., pt. 20c., qt. 30c., ½ pk. \$1.00, pk. \$2.00, bus. \$7.00.



Schultz's Top Notcher Peas

**Shropshire Hero.** A second early, large, wrinkled Pea robust grower; grows 2½ feet high, producing its large, well-filled pods in abundance; pods average seven to ten fine, large peas of exquisite flavor in each. Pkt. 5c. and 10c., pt. 15c., qt. 25c., gal. 85c., pk. \$1.50, bus. \$5.00.

**Juno.** One of the best main-crop wrinkled Peas. It has a stout, robust vine, bearing straight, heavy, square pods, usually borne in pairs. Pods contain seven to nine sweet, delicious, dark green peas of immense size. Grows 2 feet high. Pkt. 5c. and 10c., pt. 15c., qt. 25c., gal. 85c., pk. \$1.50, bus. \$5.00.

**Pride of the Market.** Vines of medium height, stiff, with large, dark green leaves and bearing at the top, generally in pairs, a good crop of large, dark green pods, well filled with large peas of good flavor. Pkt. 5c. and 10c., pt. 15c., qt. 25c., gal. 85c., pk. \$1.50, bus. \$5.00.

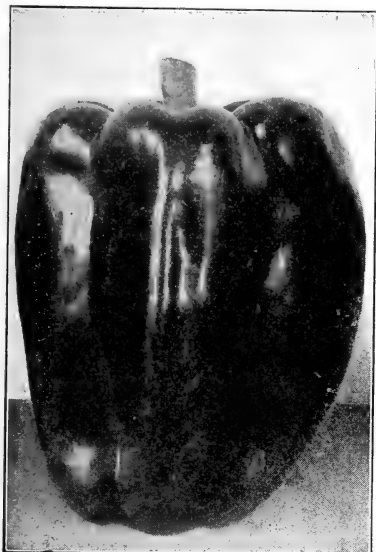
**Mammoth Podded Sugar** (Edible Pods). This variety grows to the height of 5 feet; bears a profusion of very large, broad, handsome, light green (nearly white) pods, which are so brittle that they snap without any strings. Sweet, tender and of excellent flavor. Pkt. 5c. and 10c., pt. 20c., qt. 35c., gal. \$1.25, pk. \$2.00.



## PEPPERS (Pfeffer)

*One ounce will produce about 1500 plants.*

**Culture.**—Sow in hotbed in March or April; transplant in open ground in May when all danger from frost is over, in rows 3 feet apart and 2 feet apart in a row. Seed can be sown outside late in May. Cover seed  $\frac{1}{2}$  inch and thin as above.



Chinese Giant Pepper

**Schultz's Selected Chinese Giant** Double the size of Ruby King, this is one of the largest and finest mild red Peppers. Not only is it intensely productive, but it is as "sweet as an Apple," and unusually thick skinned. Pkt. 5c. and 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$4.00.

**Ruby King** These are a bright, ruby color, remarkably mild and pleasant. Can be sliced and eaten with vinegar and pepper, used as a salad, or stuffed with mangoes. The fruit is from 4 to 6 inches long. Pkt. 5c. and 10c., oz. 25c.,  $\frac{1}{4}$  lb. 85c., lb. \$3.00.

**Large Bell, or Bull Nose.** Very large, nearly 4 inches long and 3 inches in diameter; glossy red. Excellent for use in salads or pickles. Pkt. 5c. and 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Long Red Cayenne.** Bears an abundance of long bright red pods, which are used for pickling when both green and ripe. Very strong and pungent. Pkt. 5c. and 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Golden Queen.** Bright golden-yellow color. Mild and sweet. Pkt. 5c. and 10c., oz. 25c., 2 ozs. 45c.,  $\frac{1}{4}$  lb. 75c.

**Red Chili** A variety used for pepper sauce. The bright red rich pods are about 2 inches long, one-third to one-half inch at the base, tapering to a sharp point and exceedingly pungent when ripe. Pkt. 5c. and 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Cherry Red.** Small, smooth, round variety. Deep, glossy, scarlet color. Pkt. 5c. and 10c., oz. 25c., 2 ozs. 45c.,  $\frac{1}{4}$  lb. 75c.

## PUMPKIN (Pürbiß)

*One pound will plant 200 to 300 hills; one ounce will plant 20 hills.*

**Culture.**—Sow when all danger from frost is over in hills 8 feet apart; thin out to four plants in a hill. The common practice is to drop two or three seeds in every third or fourth hill in the corn field

**King of the Mammoths** The flesh and skin are of a bright golden-yellow color. Flesh fine grained, and of excellent quality. Notwithstanding its enormous size, it is one of the very best pie Pumpkins ever grown, and a splendid keeper. This enormous variety has been grown to weigh 200 pounds. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**Mammoth Golden Crookneck.** The old standard and popular Crookneck Pumpkin. Grows to an immense size, and a field of them is a very pretty sight with their great hooks lying around in the greatest profusion. They are rich, dark golden yellow in color, thick meated, fine fleshed, excellent for feeding stock or for pies. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.,

**Small Sweet, or Sugar** A very fine-grained, most deliciously sweet-flavored Pumpkin, also a splendid keeper all through the Winter. For size they average about 10 inches in diameter, and being of a round, flattened shape and deep orange color. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

**Connecticut Field.** The hardiest of all Pumpkins cultivated mainly for stock feeding, producing enormous crops. Pkt. 5c.,  $\frac{1}{4}$  lb. 15c.,  $\frac{1}{2}$  lb. 20c., lb. 35c.

**Large Sweet Cheese** One of the best for table use and very productive. Shape flat; skin mottled light green or yellow, changing to a rich cream color; flesh yellow, thick and tender. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.



Small Sweet, or Sugar Pumpkin

# POTATOES (Kartoffel)

*Seed Potatoes weigh 165 pounds to the barrel, net.*

*Eight to ten bushels, or three to four barrels sufficient for one acre; one peck will plant 75 hills.*

**Culture.**—Any good soil will produce Potatoes, but quality is much improved when produced on good, sandy loam. Make furrows of good depth, 3 feet apart, scatter a liberal dressing of fertilizer in the drill. Cover slightly with earth and upon this set the seed Potatoes in hills  $1\frac{1}{2}$  feet apart. If a very early crop is desired, it will be necessary to sprout the Potatoes before planting. Cut the Potatoes in pieces of the size desired and place in a warm, light room for four days before required for planting in the open ground.

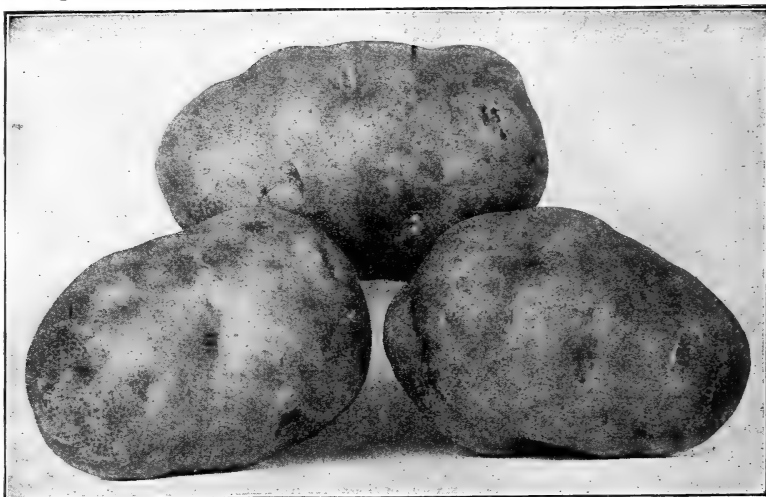
Use Bordeaux mixture for blight and arsenate of lead for the Colorado beetle, or if, as is often the case, both these conditions prevail, use the two in combination.

**IMPORTANT**—Potato Crop very short, cannot make prices at this writing; will be glad to quote prices upon application.

Our Potatoes are strictly Maine grown, and especially for seed we make a special price on large quantities.

## A CHANGE OF STOCK SEED IS A GREAT BENEFIT

Though Potato growing is one of the main industries of our country, many farmers think that all that is necessary is to plant any seed on any soil, and harvest the crop, blaming the season for poor yield. Some reasons for poor crops are want of good seed, care, cultivation and fertilizing. Change of stock seed also is one of the requisites necessary to success; any one variety of Potato loses both in quality and yield by growing from the same strain of seed every year; so a change is desirable. A farmer should also be constantly experimenting with new varieties, and find out which are best adapted to his needs and soil.



**Irish Cobbler Potato**

**Irish Cobbler** Excellent yielder. Tubers a beautiful creamy white; eyes strong, well developed, and but slightly indented; flesh white and skin often netted. Quality fine. Its handsome appearance, perfect form and superb cooking qualities will readily recommend it to every grower.

**Double X Early.** One of the earliest and best Potatoes grown. A seedling of the Early Rose. The tubers are oblong-oval, round at the seed end, with eyes that are almost even with the surface. An excellent keeper, very productive, of fine quality, and has proved to be a most valuable addition to our list of extra early varieties.

**New Queen.** It is about a week later than the Early Rose, but claimed to be more productive. It is a white-fleshed Potato, and of most superior flavor and desirable for private growers and the home market.

**Early Ohio.** Round, oblong, smooth tubers; very early, of fine quality.

**Green Mountain** Large, handsome, white Potato, a prolific yielder, fine eating quality, cooking dry and mealy. It is medium early and gives excellent results on all kinds of soil. The flesh is very white with a flavor all of its own.

**Pure Early Rose** This variety is too well known to need a description. After many years it is still as popular as ever, and when you purchase the Pure Early Rose, true to name, such as we offer, you obtain a variety that you cannot surpass for all general purposes.

**Bovee.** An extra early potato, somewhat similar to Beauty of Hebron. Fine growth; dwarf and stocky. The Potatoes are white, with pinkish skin; smooth, handsome, fine quality, yielding heavily.

**McCormick.** A very popular late sort; in fact, too well known for us to describe. Plant along in June or July and you will receive a yield that will surprise you.

## Seed Sweet Potatoes

**Culture.**—Put the Potatoes in hotbeds in April, covering with 3 inches of earth, and after they begin to grow give plenty of air on sunny days and water regularly. In May or June set out 15 inches apart in rows 3 feet apart. The land should be plowed shallow in order to produce the short, chunky potato most largely in demand.

**Big Stem.** One of the best market varieties; a large yielder, and of good flavor. Bright yellow. Pk. 50c., bus. \$1.50.

**Yellow Jersey.** The most popular of all yellow Sweet Potatoes. Pk. 50c., bus. \$1.50.

**SWEET POTATO PLANTS.** Rooted slips ready in May. The young plants should be set in May and June. A light soil and sunny location are preferable. Per 100 25c., 1000 \$2.00. Special prices on large lots.

# RADISH (Radies und Rettig)

One ounce will sow about 100 feet of drill.

**Culture.**—Sow in the open ground as soon as it can be worked, at intervals of ten days for a succession as long as wanted. Sow in hotbed or greenhouse in Autumn and Winter. The Winter varieties should be sown in August and lifted before severe frost. As their tender and mild qualities depend on rapid growth, the soil should be rich, light and mellow.

**Schultz's Scarlet Globe-shaped** The color, a rich, bright scarlet. For forcing or outdoor culture. The roots of this variety are slightly olive shaped, a rich, bright scarlet in color; flesh white and tender, fit to pull as early as any Radish that grows. We especially recommend this to gardeners whose markets demand a large, first-early forcing Radish. It is also very desirable for first early planting outdoors. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 20c., lb. 60c.

## Long White Icicle

The popular long white Radish. Skin is pure white; flesh crisp and tender, remaining so for a long time. It is very early, maturing in 25 to 30 days. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

## French Breakfast

**Olive-shaped** Pink and white; early. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

## Long Scarlet Short

**Top** Very long, crisp; for frames or outdoors. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

**Scarlet Turnip White Tipped.** One of the most popular and attractive short varieties. It is globe-shaped, bright rose carmine with bottom and tip clear white. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

## Long Brightest Scarlet, White Tip

grown. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

**Vick's Early Scarlet Globe.** Admirable for forcing or out-of-door culture; deep scarlet; flesh white and tender. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**Crimson Giant Forcing.** This variety will grow a medium size as quickly as any; it also remains crisp, firm and solid until double the size of others. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

**White Box.** Turnip-shaped, pure white Radish; early; fine for forcing and outdoors. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

**Long White Vienna, or Lady Finger.** A long white variety; very crisp and tender; grows to good size; matures early. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

**Golden Globe.** Yellow skin, white flesh; for Summer use. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

**Strasburg** This is one of the best of the long, Summer varieties; the skin and flesh are pure white. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

**Cincinnati Market.** An extra-early variety of the Long Scarlet type; of a clear, bright red color. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

## Half-long Deep Scarlet

$\frac{1}{4}$  lb. 15c., lb. 40c.

**Chartier.** Crisp and tender. Color is a scarlet or rose, tipped with white at end. Roots are long and slender. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

**Giant White Stuttgart.** Very large, pure white sort, firm, crisp, juicy; does not get pithy. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

## Large White Summer Turnip

Excellent for Summer use. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

## WINTER VARIETIES

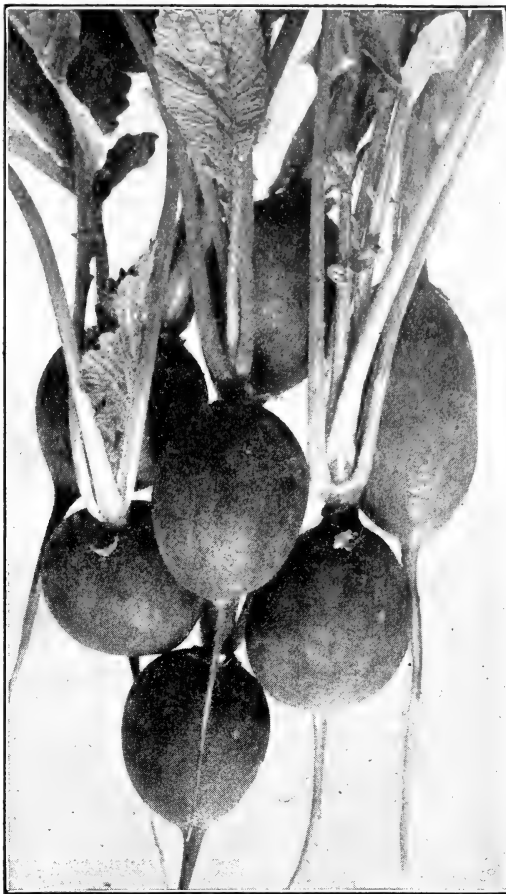
**California Mammoth.** Very large white Winter variety. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

**Long Black Spanish.** One of the hardiest and best for Winter use. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

**Rose China Winter.** Bright rose color, flesh firm. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.



Icicle Radish



Scarlet Globe-shaped Radish

## RHUBARB (Rhabarber)

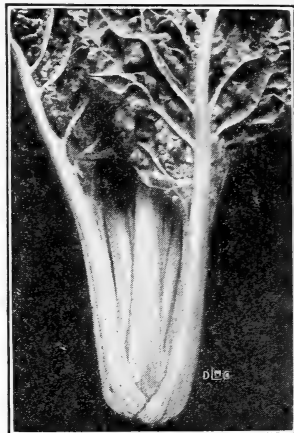
*One ounce will produce 500 plants.*

**Culture.**—This plant is mostly propagated by division of the roots. The best time to set out the plants is early in the Spring, although it is sometimes done in Autumn. Make furrows of good depth, 3 to 4 feet apart, according to the variety planted; across these furrows, at right angles, make others the same distance apart; at each intersection put three or four shovelfuls of good manure, and upon this set the plants. Any good soil will suit Rhubarb; but to obtain heavy crops, good soil well manured is indispensable. A piece of root with a single bud, or eye, is enough for each hill. Cultivate during Summer, but do not pull any stalks the first year. Late in Autumn cover each plant with a good shovelful of manure, and plough a furrow against each side of the rows; this protection will assist the earliness of the crop. In early Spring level the ground, working in the manure with a fork. Plants can be obtained from seed, which may be sown in a hotbed in March, and the plants set out about the middle of May. It takes longer, however, to obtain a crop from seedling plants than from roots.

### Victoria

The earliest and best for garden use; not so coarse and fibrous as the larger sorts. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**RHUBARB ROOTS.** Doz. 75c., 100 \$4.00.



Swiss Chard

## SALSIFY. or OYSTER PLANT

*One ounce will sow 50 feet of drill*

**Culture.**—It succeeds best in a light, well-enriched soil, which should be stirred to a good depth. Coarse and fresh manure should be avoided, as it will surely cause the roots to grow uneven and ill shaped. Sow early and quite deep, giving the general culture recommended for Parsnip. The roots are perfectly hardy and may remain out all Winter, but should be dug early in Spring, as they deteriorate rapidly after growth commences. Store a quantity for Winter use in a pit or in a cellar packed in damp earth or sand.



Mammoth Sandwich Island Salsify

### Mammoth

### Sandwich

**Island** Market gardeners will find this one of the largest, smoothest and most profitable in cultivation. The top remains in good condition until late the following Spring. Roots pure white in color and twice the size of the ordinary Salsify. The long, white, tapering root of Salsify when cooked forms a good substitute for oysters, having a very similar flavor. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

## SWISS CHARD

**Giant Lucullus.** Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. 90c. See pages 5 and 10.

## SORREL (Sauerampfer)

*One ounce will sow 150 feet of drill.*

**Culture.**—Sow in shallow drills 12 inches apart, and thin out the young plants to 6 inches. Commence cutting about 2 months after planting. Sorrel is hardy; will continue to bear for three or four years.

### Large-leaved French

Cooked like Spinach; a very fine salad cooked as greens. Large leaves, mild acid flavor, fine quality. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

## SPINACH (Spinat)

*One ounce will sow 50 feet of drill; ten to twelve pounds will sow an acre.*

**Culture.**—Spinach may be grown on any ordinary soil, and its cultivation is a very simple matter. It is grown both as a Spring and Summer crop. For early use, sow in August or September, in drills 12 to 14 inches apart. At the approach of cold weather cover lightly with straw, or any handy litter. Uncover when the plants begin to make a new growth in Spring. For Summer use, sow early in Spring in the same way as above, using rather less seed. If the plants stand too thick, thin to 3 or 4 inches apart. A liberal dressing of good manure should be used. The land can hardly be made too rich. Sow the seeds of New Zealand in hills 2 feet apart each way, three or four seeds in a hill; it can be cut for use all Summer.

### Schultz's New Spring

Produces large, thick, dark green leaves, somewhat crumpled. Pkt. 5c. and 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

### Savoy Leaf, Bloomsdale

Very hardy, exceedingly popular. Productive, tender and excellent quality. Pkt. 5c. and 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

### Long Seasons

A very hardy, large growing variety. Pkt. 5c. and 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

### Long Standing.

Excellent for Spring use. Pkt. 5c. and 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

### New Zealand.

Grows large and produces a large quantity of leaves during the Summer. Pkt. 5c. and 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

### Victoria.

Dark green, crimped leaves. Pkt. 5c. and 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.



## SQUASH (Curbiss)

One ounce Early will plant 50 hills, one ounce Marrow 25 hills.

Four to six pounds for an acre.

**Culture.**—Squashes should be planted in a warm, rich soil, after the weather has become settled and warm about the middle of May or June. Plant in well-manured hills, in the same manner as Cucumbers and Melons—the bush varieties 3 or 4 feet apart each way, and the running kinds 6 to 8 feet. Eight to ten seeds should be sown in each hill, thinning out after they have attained their rough leaves and danger from bugs is over, leaving three or four of the strongest plants per hill.



Benning Bush Squash

## Summer Squashes—Extra Early

### Benning Bush

Earlier than the White Bush.

Color very light shade of green, bush habit, very productive and attractive appearance. The improvement of the Benning Bush Squash over the old sort is quite distinct, in that it is earlier and has a very beautiful light shade of green color, in place of the creamy white which the older sort has. The flesh is rich, dry, and particularly fine; medium in size; vine of bush habit, and exceedingly productive. Its superiority is so great over the old Early White Bush Squash variety that we do not hesitate to say that if the Benning type is tried once,

your future orders will always be for the new Benning sort. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**White Bush Scallop (Patty Pan).** A well-known variety of dwarf habit and upright growth. Very productive; a good shipper. Pkt. 5c., and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 20c., lb. 60c.

### Yellow Summer Crook-Neck

This old and well-

known variety still remains a favorite and is considered the best for Summer use. It is early, productive; good quality; skin orange yellow. Quality excellent. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

## Fall and Winter Sorts

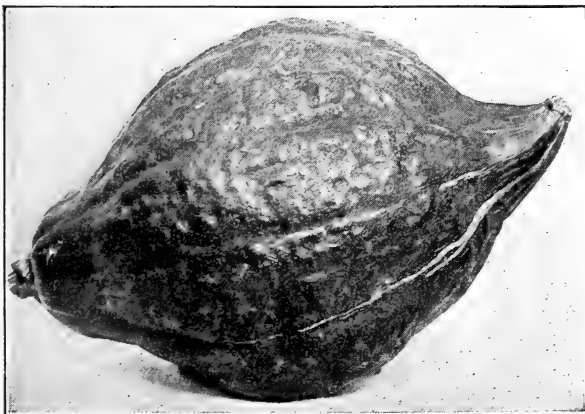
### Prolific, or Orange Marrow

For an early

Fall Squash there is no Squash that can compare with this in earliness and productiveness, which are important features with the market gardener. Brilliant orange-red color, which makes it attractive in the market. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

### Hubbard

The most popular of all Winter varieties; an excellent keeper. Is of large size, often weighing from nine to twenty pounds.



Hubbard Squash

Color bluish green, occasionally marked with a brownish orange. Flesh is fine grain, dry and excellent flavor. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**Boston Marrow.** Color a rich orange, of good size, excellent flavor, and keeps well. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 65c.

**Chicago Warted Hubbard.** This strain is the ideal Winter Squash for the home or market. The fruits are large, handsomely shaped, dark green, heavily warted skin, with rich flesh of splendid quality. Pkt. 5c., oz. 10c., 2 oz. 15c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**Red, or Golden Hubbard.** A perfect type of the Green Hubbard, except in color, which is a bright, deep orange yellow, very showy and attractive. Its keeping qualities are fully equal to, while in productiveness it far excels, the Green variety. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

## TOBACCO

**Culture.**—Sow in hotbed for early planting or sow in the open ground as soon as the ground is warm. Sow broadcast in rich, dry soil, pressing down firmly and cover lightly; water frequently. Set plants out first of June 3 feet apart each way in land heavily manured.

**Connecticut Seed Leaf.** Saved from selected plants. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Havana.** Imported seed. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00

# TOMATO (Liebes-Apfel)

One ounce will produce about 2000 plants.

**Culture.**—For early plants sow in hotbeds early in March, in drills 5 inches apart and  $\frac{1}{2}$  inch deep; when the plants are about 2 inches high, transplant into another hotbed 4 inches apart each way; plant out in the open ground early in May or as soon as danger from frost is over, 4 feet apart each way in hills, which should have a shovelful of well-rotted manure mixed with the soil. Water freely at time of transplanting; when the first fruit is set, pinch off the ends of the branches to obtain early fruit. Sufficient plants for a small garden can be grown in a shallow box or large flower pot by placing it in a sunny window in a warm room or kitchen. For late use sow in a sheltered border in May and set out the plants in July; the green fruit can be picked off before frost and ripened under glass. By training the vines on trellises or tying to stakes, the fruit will ripen better and be of finer quality.

## Schultz's Early Splendid

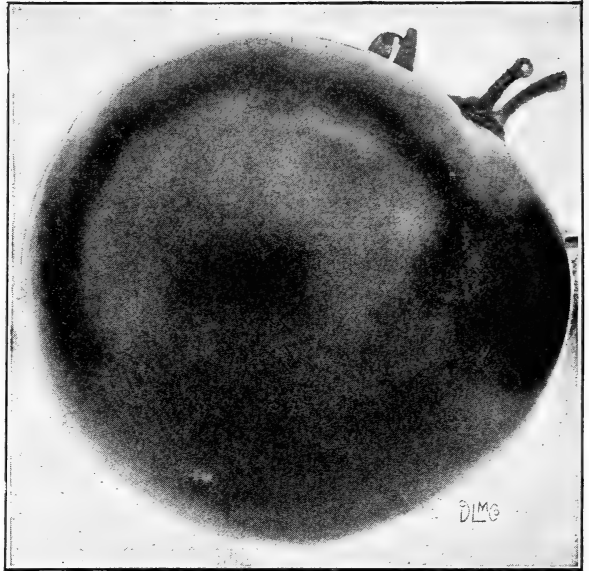
Is the most valuable Early Purple Tomato in existence. An extra good all-around sort. We class it among the first to ripen its fruit. It has large size, is always smooth, of firm flesh, and is exceedingly productive. In color it is a fine glossy rose, tinged with purple. It stands alone with its distinct, delicious flavor, being mild and pleasant, unsurpassed for slicing. One other attractive feature of this Tomato is that it is almost immune from blight. Its blight-proof qualities are remarkable. **Schultz's Early Splendid Tomato** is splendid indeed. (See cut above.) Pkt. 5c. and 10c.,  $\frac{1}{2}$  oz. 15c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

## Schultz's New Faultless

Introduced by us in 1909. A second-early variety. One of the grandest Tomatoes recently introduced, color rich, soft pink, similar to our New Splendid, heavy cropper, round in shape, flesh very firm, large size, fine flavor. Ripens evenly to the stem, is a strong, healthy grower, not subject to rust or blight, and produces until the vines are killed by frost, holding its size exceedingly well until the last picking. Pkt. 5c. and 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.



"Bonny Best" Early Tomato



Early Splendid Tomato

**Earliana.** This Tomato is not only remarkable for its earliness, but for its very large size, handsome shape and bright red color. Pkt. 5c. and 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

## Chalk's Early Jewel

Very fine; large, solid, smooth and bright red; similar to the Stone, but very early. Pkt. 5c. and 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.25.

**Ponderosa.** Largest of all Tomatoes. Single specimens often growing to weigh from one and one-half to two pounds. Good flavor. Pkt. 5c. and 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.50.

## Livingston's Beauty

One of the most popular kinds on our list; a favorite everywhere; early, large, round, smooth, light purplish-pink tint; one of the best. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

## "Bonny Best" Early

Is fully 10 days earlier than Chalk's Early Jewel, and within two or three days as early as Earliana. It is a vigorous grower, enormously prolific, with larger foliage than the Earliana, which will protect the fruit from the hot sun, on days when early varieties with less foliage would scald. In shape it is roundish and slightly flattened at the stem end but thicker through than most other Tomatoes in its class. In color it is a beautiful scarlet red; setting its fruit in clusters of five or more at close intervals. When ripening, each set ripens nearly all at once, and ripens evenly all over up to the stem. Makes a magnificent variety for slicing; its greatest characteristic is its uniformity of size and smoothness in shape. A good early red skin variety for all purposes. Pkt. 5c. and 10c.,  $\frac{1}{2}$  oz. 15c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**SCHULTZ'S SEEDS**  
THE KIND THAT GROWS

TOMATO—Continued

**New Admiration** Double the size of Dwarf Champion. The largest fruited upright-growing variety in existence. In habit of vine it resembles Dwarf Champion, but is of stronger growth and more erect. In small gardens the plants may be set 18 to 24 inches apart each way, and yet produce an abundant crop. It is very solid, ripens evenly, with a good skin, which is free from cracks about the stem and the fruit resembles Livingston's Stone in its bright red color, shape, and, what is more remarkable, it is almost as large. Some idea of the large size of the fruits may be gained when we state that ten fruits have been picked from one vine at the same time showing a total weight of 5 lbs. and 3 ozs.; single specimens weighing one pound are quite common. Pkt. 5c. and 10c., oz. 25c.,  $\frac{1}{4}$  lb. 90c., lb. \$3.00.

**Livingston's Globe.** This new globe-shaped variety is very early, smooth and solid; skin a glossy pink; a heavy cropper, of excellent quality. Pkt. 5c. and 10c., oz. 30c.,  $\frac{1}{4}$  lb. 90c., lb. \$3.00.

**Dwarf Champion.** The foliage is very marked, of a dark green color; leaves thick and different from other sorts; fruits smooth, medium in size and similar in color to the Acme. Pkt. 5c. and 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**New Queen.** This sort is well known and favorite among canners. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

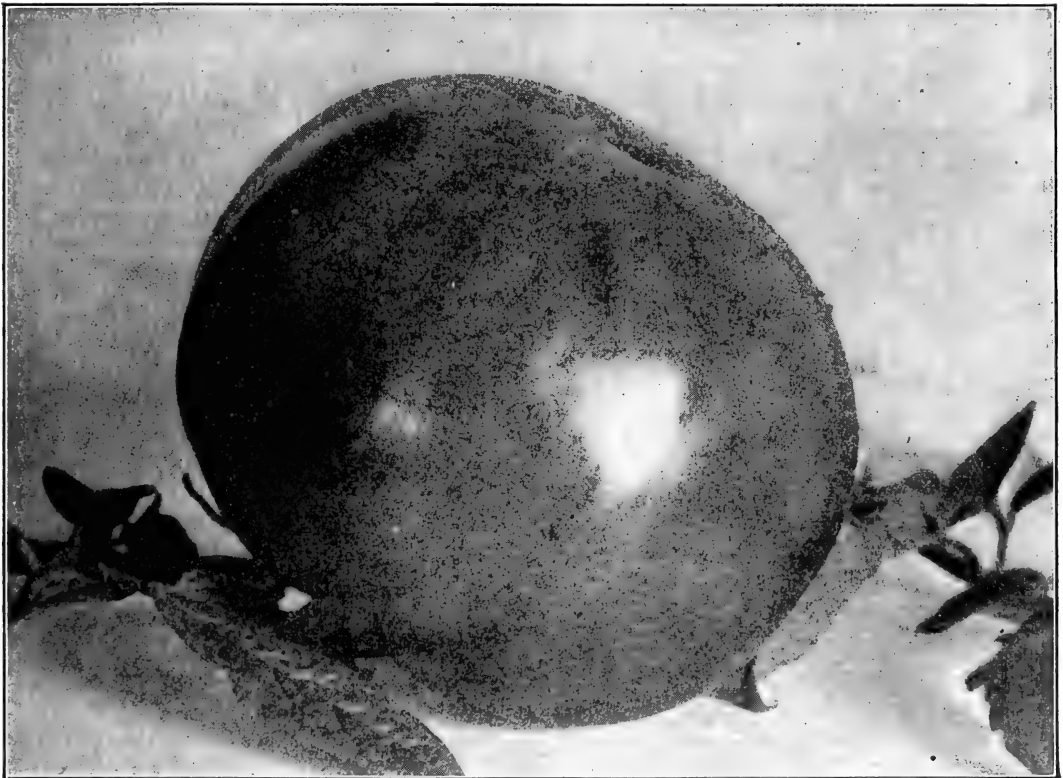
**Livingston's Favorite.** Favorite is one of the best shaped, largest, bright red Tomatoes in existence. The fruit ripens evenly, is always smooth, free from cracks, and holds its size to the end of the season. Flesh is of good flavor, very solid, with few seeds. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Trucker's Favorite.** The smoothest and best of the large sorts. Vines large, vigorous and heavy bearers; fruit large, uniform in size, very smooth, color of skin purplish pink. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Prizetaker.** It is the size of Beauty, and matures with it. The color is a deep pink. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Improved Acme.** One of the smoothest and most uniform, medium size, early, purple fruited sorts. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Early June Pink.** In habit of growth it is similar to the Earliana. Fruits are pink. Medium size. Pkt. 5c. and 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.



Schultz's Admiration Tomato

**Selected Stone** For a main crop this sort cannot be surpassed. It is one of the very best for canning or for market use. Fruit large, of bright red color, very smooth, heavy and solid. Pkt. 5c. and 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Success.** This is a very fine variety for late crop. The fruits are large, firm and solid. Color is a bright scarlet. A very attractive sort, either for the market or home garden. Pkt. 5c. and 10c., oz. 20c.,  $\frac{1}{4}$  lb. 65c., lb. \$2.00.

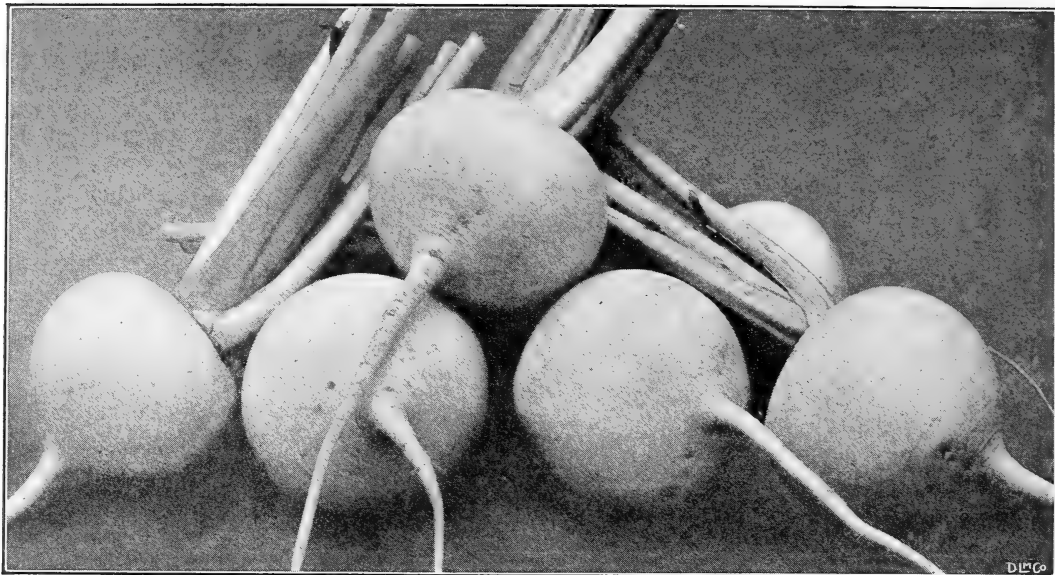
**Matchless.** A large, bright red Tomato. The fruit is smooth. The flesh is a rich, red color, and of fine quality. Pkt. 5c. and 10c., oz. 20c.,  $\frac{1}{4}$  lb. 65c., lb. \$2.00.

**Golden Queen** (Queen of All the Yellows). Its superior flavor has brought it into general favor as a table fruit. It is solid, always smooth, entirely free from ridges, large in size, ripens early. Pkt. 5c. and 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

## SMALL FRUITED TOMATOES

Largely used for making fancy pickles, preserves, etc.

**Plum-shaped Yellow, Pear-shaped Red, Pear-shaped Yellow, Red Cherry.** Each at: Pkt. 5c. and 10c., oz. 30c.



## TURNIPS (Rübe)

*One ounce will sow 100 feet of drill; one pound will sow an acre.*

**Culture.**—The soil for Turnips should be rich and mellow. For early use sow as soon as ground opens in Spring in drills 12 to 18 inches apart and  $\frac{1}{2}$  inch deep, or sow broadcast, although much larger crops are obtained by drill culture. When the plants are a few inches in height, and strong enough to resist the attacks of insects, thin them out to some 5 or 6 inches apart in the drills. For succession continue to sow every two weeks until June; for Fall and Winter crop sow from the first of July to September 10th.

### White Flesh Varieties

**Purple Top White Globe** This is the most popular of all Turnips for market or home use. The shape is globular and of good size, and in appearance it is the best looking of all varieties, the white globe surface having an uneven purple edging at the top. The flesh is firm, fine grained, white, and of most excellent flavor. It is a fine keeper, equally desirable for table or stock. An immense producer. Pkt. 5c. and 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

**Extra Early Milan** Purple top. This is the earliest Turnip grown. A flat, strapped-leaf variety with white flesh. Skin white under ground; purplish red above. Two weeks earlier than other varieties. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

### Purple Top Strap Leaf, or Early Red Top

Quick grower; flesh is very fine grain, sweet flavor; white with purple top. More generally used than any other variety, both for market and for stock. Pkt. 5c. and 10c.,  $\frac{1}{4}$  lb. 15c., lb. 35c.

**White Egg** Is of egg shape and very rapid grower; thin white skin. Solid, firm, fine grain flesh. Grows good size. Excellent for early or late keeping in the Fall. Pkt. 5c. oz., 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

**White Strap Leaf.** Similar to the Purple Top Strap Leaf only in color, which is white. Pkt. 5c.,  $\frac{1}{4}$  lb. 15c., lb. 35c.

**Large White Globe.** One of the most productive kinds. It is globe-shaped, skin white and smooth, leaves large and dark green. Pkt. 5c.,  $\frac{1}{4}$  lb. 15c., lb. 35c.

**Long White, or Cowhorn** A quick-growing, long-shaped variety; flesh fine-grained and sweet; an excellent sort for table use and stock feeding. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 50c.

**Southern Seven Top.** A variety much grown in the South for the tops, which are used as greens only. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

### Yellow Flesh Varieties

### Large Yellow Globe, or Yellow Stone

The best yellow-fleshed variety for general crop, table or stock. Fine grained; color of skin yellow, top green. Grows to a large size, is hardy, keeps well and is a good cropper. Pkt. 5c. and 10c.,  $\frac{1}{4}$  lb. 15c.,  $\frac{1}{2}$  lb. 25c., lb. 40c.

### Golden Ball, or Orange Jelly

Medium-sized, globular form. In season is early, flesh a golden yellow, of fine texture, very sweet, and fine for table. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

**Yellow Aberdeen.** Large, globe-shaped yellow variety, excellent for keeping. Good for both table and stock. Pkt. 5c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

**Yellow Aberdeen, Purple Top.** Bulbs globular form; deep yellow below ground, reddish purple above. Has a small tap root. Very solid and good quality. Pkt. 5c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

**Amber Globe.** A round, smooth, medium-sized, light yellow Turnip, with crisp, firm flesh of fine quality. A good Winter sort. Pkt. 5c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

## RUTABAGA

### Swedish or Russian Turnip

**Culture.**—The Swedish or Rutabaga varieties should be sown in drills 15 to 18 inches apart, at any time from June 1 to the middle of July, using about one pound of seed per acre. The plants should be thinned to about 6 or 8 inches apart.

**American Purple Top** Improved. Market gardener's favorite. More largely grown than any other variety. Yellow flesh, solid and fine quality. One of the very best keepers. Pkt. 5c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

**Large White French, or Sweet German.** A white-fleshed variety of large size and fine quality. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

## HERBS—Sweet, Pot and Medicinal



Sage

**Castor Oil Bean.** Used for medicine and ornamental bedding plants. Pkt. 5c., oz. 15c.

\***Catnip.** For medicinal purposes, and relished by cats, who roll in it with great delight. Pkt. 10c., oz. 35c.

**Coriander.** Seeds are aromatic. Pkt. 5c., oz. 10c.

**Dill.** For Dill pickles. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c.

\***Fennel, Sweet.** Used in sauce. Pkt. 5c., oz. 10c.

\***Horehound.** Used for coughs. Pkt. 5c., oz. 20c.

\***Lavender.** For perfuming linen. It is not hardy and should be covered during Winter. Pkt. 5c., oz. 25c.

\***Pennyroyal.** Used medicinally. Pkt. 10c., oz. 60c.

\***Peppermint.** For flavoring. Pkt. (about 200 seeds), 25c.

\***Rosemary.** Used for seasoning. Pkt. 10c., oz. 30c.

Every garden should contain a few herbs, as they are useful in many ways and arouse delightful memories. They can be grown as edgings to walks, and their fragrance will be distributed by the brushing of clothing against the plants while passing.

Culture.—Herbs delight in a rich, mellow soil. Sow seeds early in Spring in shallow drills, 1 foot apart; when up a few inches thin out to proper distances, or transplant. They should be cut on a dry day just before they come into full blossom, tied in bunches and hung up or spread thinly on a floor where they can dry quickly. Those marked with an asterisk (\*) are perennial.

**Anise.** For garnishing, flavoring and for cordials. Pkt. 5c., oz. 10c.

\***Balm.** Lemon scented. Used for tea or balm wine. Pkt. 5c., oz. 20c.

**Basil, Sweet.** Used in soups. Pkt. 5c., oz. 20c.

**Borage.** Excellent for bees. Pkt. 5c., oz. 10c.

**Caraway.** Used in bread, etc. Pkt. 5c., oz. 10c.



Sweet Marjoram

\***Sage.** Leaves are used for seasoning meats and stuffing fowls. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

\***Savory, Summer.** Leaves and shoots are used for flavoring. Pkt. 5c., oz. 25c.

\***Savory, Winter.** For flavoring. Pkt. 5c., oz. 25c.

\***Sweet Marjoram.** Leaves used green in Summer and dried in Winter for flavoring. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

\***Tansy.** For medicinal purposes. Pkt. 10c., oz. 35c.

**Tarragon.** Plants only. See offer below.

\***Thyme, Broad-leaved English.** For seasoning, and poultry stuffing. Pkt. 10c., oz. 45c.,  $\frac{1}{4}$  lb. \$1.25.

**Thyme, French Summer.** Used for seasoning, and attractive to bees. Pkt. 10c., oz. 45c.,  $\frac{1}{4}$  lb. \$1.25.

\***Wormwood.** Used medicinally. Pkt. 5c., oz. 25c.

## VEGETABLE PLANTS and ROOTS

We grow large quantities of Vegetable Plants and Roots, and can supply all the varieties listed below in their proper season.

**If wanted by mail, add 15c. per 100 for postage on Cabbage, Cauliflower and Sweet Potato Plants, and 30c. per 100 on Egg Plants and Tomato Plants.**

**Artichoke Plants, Selected Large Globe.** Ready for shipment after March 1st. Doz. \$1.50, 100 \$10.00.

**Artichoke.** Jerusalem Tubers. See page 6.

**Asparagus Roots** All varieties and prices at bottom of page 6.

**Brussels Sprouts.** Doz. 15c., 100 \$1.00.

**Cabbage Plants** For April and May delivery: Doz. 5c., 100 30c. Delivery June and July: per 100 25c., 1000 \$2.50.

**Cauliflower Plants.** Snowball. From hotbed. Ready April and May. Doz. 25c., 100 \$1.00.

**Celery.** Extra strong, transplanted plants. Delivery July. Doz. 15c., 100 75c., 1000 \$5.00.

**Chives.** For flavoring. Clump 15c., doz. \$1.50.

**Egg Plants** Ready in May and June. Transplanted. Doz. 50c., 100 \$3.50.

**Horse Radish Roots.** Per 100 \$1.00.

**Lettuce.** Ready in April and May. Doz. 10c., 100 50c.

**Mint.** Strong roots. Each 15c., doz. \$1.50.

**Peppers** Ready in May and June. Doz. 25c., 100 \$1.50.


**Rhubarb Roots.** See page 32.

**Sweet Potato Plants** Ready in May and June. 100 25c., 1000 \$2.00.

**Tarragon (Estragon).** The young leaves are used for flavoring pickles, vinegar, etc. Each 30c., doz. \$3.00.

**Tomato Plants** Ready in April, May and June. We make a specialty of transplanted Tomato Plants, and can supply through the season of planting of the following varieties: Early Splendid, Ponderosa, Beauty, Stone, Admiration, Faultless, Bonny Best, Early Jewel and Prizetaker.

## Select List of Small Fruits

 All Plants are forwarded on receipt of order unless instructed to the contrary and are sent by Express or Parcel Post, purchaser paying charges.

While the list of Small Fruits offered is short, yet it is very select, only the very finest sorts being offered. This is preferable to a long list which would necessarily contain varieties of less merit. Prices upon application.

### BLACKBERRIES

Eldorado  
Erie  
Rathbun  
Snyder

### CURRENTS

Cherry  
Fay's Prolific  
Lee's Black Prolific  
Perfection

### GOOSEBERRIES

Industry  
Red Jacket  
Pearl  
Downing

### RASPBERRIES

Cuthbert  
Kansas  
Marlboro  
Cumberland

**GRAPEVINES.** Strong, hardy, 2-year-old Canes, Black, Red and White varieties. 25c. each, \$2.50 per doz.

**STRAWBERRY PLANTS.** Ready about April 1st. 25c. per doz., \$1.25 per 100.





## GRASS SEEDS

Prices subject to change without notice. Special quotations on large quantities.

We desire to call particular attention to the fact that Grass Seeds are sold in the trade by sample, and each sort is divided into three or four grades of quality, according to purity, germination and weight. The price of the best grade is often double that of the ordinary. The Grass Seeds here offered by us are in every case the **very highest quality**.

**CREEPING BENT** (*Agrostis stolonifera*). The distinctive feature of this species is, as the name implies, its compact, creeping, rooting stems. It is of rapid growth and spreading habit, and the stoloniferous roots form a strong, enduring turf, that is positively improved by constant tramping. Being of fine texture, it is most valuable for lawns and putting greens. If sown alone, 50 pounds to the acre should be used. 20 pounds to the bushel. Lb. 50c., bus. \$5.00.

**CREEPING, or RED FESCUE** (*Festuca rubra*). A creeping, rooted Grass, forming a close and lasting turf, and especially adapted for dry, sandy soils. It is also valuable for shady spots, and for binding banks and exposed locations. 14 pounds to the bushel. Lb. 25c., bus. \$2.75.

**CRESTED DOG'S TAIL** (*Cynosurus cristatus*). Thrives well on almost any soil. Its roots penetrate deeply into the ground, which enables it to withstand severe droughts. Valuable in mixtures for lawns and putting greens. 21 pounds to the bushel. Lb. 25c., bus. \$4.25.

**ENGLISH RYE GRASS, or PERENNIAL RYE** (*Lolium perenne*). Very valuable for permanent pastures. Grows freely on any soil and is very nutritious. 24 pounds to the bushel. Lb. 15c., bus. \$2.25.

**FINE-LEAVED SHEEP'S FESCUE** (*Festuca ovina tenuifolia*). This Grass being remarkable for the fineness of its leaves, is well adapted for lawns and putting greens. 14 pounds to the bushel. Lb. 35c., bus. \$3.50.

**HARD FESCUE** (*Festuca duriuscula*). A dwarf-growing, hardy Grass of great value. Succeeds in dry situations, and is found in all the best lawns and permanent pastures. 12 pounds to the bushel. Lb. 25c., bus. \$2.50.

**ITALIAN RYE GRASS** (*Lolium Italicum*). A variety unequalled for producing an abundance of nutritious feed in the early Spring as well as throughout the season. As it is not perennial, it is not adapted for permanent pastures. 18 pounds to the bushel. Lb. 15c., bus. \$1.75.

**KENTUCKY BLUE GRASS** (*Poa pratensis*). Will thrive on any ground which is not too wet. One of the best Grasses for lawns and pasture. 14 pounds to the bushel. Lb. 20c., bus. \$2.00.

**MEADOW FOXTAIL** (*Alopecurus pratensis*). Should always form a fair proportion of permanent pasture mixtures. It is very early, grows rapidly, and is highly relished by stock. 10 pounds to the bushel. Lb. 50c., bus. \$4.00.

**MEADOW FESCUE** (*Festuca pratensis*). A valuable Grass for permanent pastures; very productive and nutritious. 22 pounds to the bushel. Lb. 20c., bus. \$3.50.

**ORCHARD GRASS** (*Dactylis glomerata*). One of the Grasses most employed in permanent meadows, either for pasture or for mowing. Very productive, and makes excellent hay. 14 pounds to the bushel. Lb. 20c., bus. \$2.50.

**RED TOP FANCY, or RE-CLEANED** (*Agrostis vulgaris*). This valuable Grass is commonly grown all over the country. A fine, permanent Grass, remaining green for the greater part of the year. 14 pounds to the bushel. Lb. 25c., bus. \$3.00.

**RHODE ISLAND BENT** (*Agrostis canina*). A valuable Grass for lawns and putting greens. Resembles Red Top somewhat, but has shorter and narrower leaves. 14 pounds to the bushel. Lb. 50c., bus. \$5.00.

**ROUGH STALK MEADOW GRASS** (*Poa trivialis*). This Grass is valuable on account of its quick growth, productiveness and nutritive qualities. 14 pounds to the bushel. Lb. 35c., bus. \$4.20.

**SHEEP'S FESCUE** (*Festuca ovina*). Thrives on dry, sandy soils, and is much liked by sheep. Its compact and fine growth makes it suitable for lawn mixtures. 14 pounds to the bushel. Lb. 25c., bus. \$2.80.

**SWEET VERNAL** (*Anthoxanthum odoratum*). True perennial. Valuable on account of its early growth and its hardy, permanent nature. It is very fragrant and imparts a pleasant odor to the hay. Is greatly relished by sheep. 10 pounds to the bushel. Lb. 50c., bus. \$3.50.

**TALL OAT GRASS** (*Avena elatior*). Valuable in permanent pasture mixture; also suitable for sowing in orchards or other shady places. 10 pounds to the bushel. Lb. 25c., bus. \$2.00.

**TALL FESCUE** (*Festuca elatior*). It succeeds best on strong, clayey soils. Very productive and of long duration, and is especially valuable for permanent pasture. 14 pounds to the bushel. Lb. 25c., bus. \$2.80.

**TIMOTHY** (*Phleum pratense*). A most valuable Grass for hay; grows very readily and yields large crops. Sow  $\frac{1}{2}$  bushel to acre. 45 pounds to the bushel. Lb. 15c., bus. \$4.00.

**VARIOUS-LEAVED FESCUE** (*Festuca heterophylla*). A very early Grass, thriving best in cold, moist soils; valuable in permanent pasture mixtures. 14 pounds to the bushel. Lb. 35c., bus. \$4.00.

**WOOD MEADOW GRASS** (*Poa nemoralis*). Especially desirable for sowing on shaded lawns and under trees. 14 pounds to the bushel. Lb. 50c., bus. \$5.60.

We make up **Special Grass Mixtures for Meadows and Pastures**. Will be glad to answer inquiries as to the best grasses for different purposes and for growing on various soils under varying climatic conditions.

## CLOVER SEEDS

We quote present prices on Clovers as near as it is possible to offer them at as we go to press. We shall be very glad to quote prevailing prices on all of them from time to time, and we solicit inquiries. It is understood, of course, that all are subject to market fluctuations.

**ALFALFA, or LUCERNE** (*Medicago sativa*). Requires deep, rich, well-drained soil. The tap-root descends often to a depth of 10 to 15 feet in loose soil. It is, consequently, capable of resisting great droughts. It should be sown alone (about same time as oats are sown in this section) in thoroughly prepared, deeply plowed soil, at the rate of 20 to 25 pounds to the acre. It may also be sown as late as August and up to the middle of September in more southerly localities. The crop should be cut when the plant is coming into bloom. In suitable soil it is perennial, and several crops may be cut every year. Height, 1 to 3 feet. Lb. 25c., 10 lbs. \$2.25, 100 lbs. \$22.00.

**ALSIKE, or HYBRID** (*Trifolium hybridum*). A perennial, 1 to 3 feet high, succeeding best in cold, stiff soils, and in marshy lands which are too wet for other species. It grows well, too, in high altitudes. A good honey plant for bees. 15 pounds to the acre. Lb. 25c., 10 lbs. \$2.00, 100 lbs. \$18.00.

**BOKHARA CLOVER** (*Melilotus alba*). Valuable sort for soiling and for ensilage and bees. Grows from 3 to 5 feet high; sown in rich soil may be cut three times; lasts for years if cut before flowering. 15 pounds to the acre. Lb. 30c., 10 lbs. \$2.25.

**CRIMSON, or SCARLET** (*Trifolium incarnatum*). Erect annual, 1 to 2 feet high, with bright scarlet

Note—All prices are subject to market fluctuations.

flowers. A native of southern Europe; largely grown in our Southern States for improving the soil by turning under. It is a valuable crop for pasture or green manure. For hay cut when in full bloom. Sow 20 pounds to the acre. Lb. 12c., 10 lbs. \$1.00, 100 lbs. \$10.00.

**MAMMOTH, or SAPLING** (*Trifolium pratense* perenne). Grows nearly twice the size of the Common Red Clover, often making a stand when the other Clovers fail. Sow about 8 to 12 pounds per acre. Lb. 30c., 10 lbs. \$2.50, 100 lbs. \$24.00.

**MEDIUM RED, or JUNE** (*Trifolium pratense*). This is by far the most important of all the varieties for practical purposes. Sow in Spring or Fall and if no other Grasses are used, at the rate of 8 to 12 pounds per acre; more is required on old, stiff soils than on new and lighter ones. Lb. 30c., 10 lbs. \$2.50, 100 lbs. \$24.00.

**WHITE CLOVER** (*Trifolium repens*). Some White Clover is usually included in Lawn Grass Mixtures. It makes an excellent turf that stands constant trampling. It is of dwarf habit, spreads rapidly and is very hardy. It is valuable in permanent pastures, being sweet and nutritious. Sow in Spring. In mixtures, 1 or 2 pounds; if alone, 8 or 10 pounds to the acre. Lb. 65c., 10 lbs. \$6.00, 100 lbs. \$55.00.

Prices quoted are those ruling January 1, 1916.

## GENERAL FARM SEEDS

All below subject to change in price.

**BARLEY, Beardless**. May be sown as early as possible in the Spring without danger of frosts, as it is one of the hardiest of all the Barleys; very valuable for stock feeding. Pk. 50c., bus. \$1.75.

**Buckwheat, Japanese**. The most desirable variety; ripens early. Pk. 50c., bus. \$1.75.

**BEANS, Soja** (Mammoth Yellow). Valuable as a forage crop and for silo purposes. Plant  $\frac{1}{2}$  bushel to the acre. Pk. 65c., bus. \$2.25.

**CARROT, Improved Long Orange**. Roots large and long; enormous yielder. Splendid for stock.  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**CARROT, White Belgian**. Large, long-rooted variety, valuable for stock.  $\frac{1}{4}$  lb. 20c., lb. 60c.

**KAFFIR CORN**. Sow 8 to 10 pounds per acre. **White**. Excellent fodder plant; grain valuable for feeding poultry. Lb. 5c., 100 lbs. \$3.50.

**MILLET, Golden or German** (Southern Grown). Makes an enormous yield of nutritious food; succeeds in almost any soil. Sow in May or June, 1 bushel to the acre. Lb. 5c., bus. of about 50 lbs. \$2.25.

**OATS, White Spring**. Handsome and perfect White Oats; early and an enormous cropper. It will do well on any good farm land and prove very profitable. The straw is long, very strong and holds up well. The heads are large and well filled. Pk. 25c., bus. (32 pounds) 85c., 5 bus. or over, 80c. per bus.

**PEAS, Canada Field**. Valuable for cattle feeding, especially for milk cows. Also makes ensilage of fine quality. Usually sown with Oats broadcast and harrowed in. Pk. \$1.00, bus. \$3.60.

**PEAS, COW**. It makes excellent hay when cut and cured the same as Clover; then the stubble with the new growth may be turned under as fertilizer. Sow 1 peck of Sorghum to 1 bushel Cow Peas per acre.

**New Era**. Pk. 90c., bus. \$2.75.

**Black**. Pk. 90c., bus. \$2.75.

**Whippoorwill**. Pk. 90c., bus. \$2.75.

**RAPE, Dwarf Essex**. A forage plant of highest value. It can be sown in April for an early crop, and for Fall crop in July, August and September, and still later farther south; it is sown broadcast 10 pounds to the acre, but it is better drilled, in which case 5 pounds to the acre will suffice. In a few weeks from the time of sowing, sheep, hogs or cattle can be turned upon it; all reports agree that they gain weight faster on this than any other fodder, and as it can be sown after other crops are off, the gain in fodder is secured at a nominal cost. Stockmen, dairy-men and farmers have proved its value. Lb. 12c., 50 lbs. \$5.00.

**RYE, Winter**. This should be sown in the Fall early enough to get a start and will stand out New England Winters. Pk. 40c., bus. \$1.25.

**SORGHUM, Early Amber Cane**. The earliest and makes the finest quality of forage and syrup. Pk. 50c., bus. \$1.75.

**SUDAN GRASS**. An annual. Resembles Millet somewhat; stock seem to relish it; will yield from 2 to 4 tons per acre. Lb. 15c., 10 lbs. \$1.35, 100 lbs. \$12.00.

**SUNFLOWER, Mammoth Russian**. May be grown to great advantage in waste ground. An excellent and cheap food for fowls. All farmers should plant this, if only for feeding chickens. It is enormously productive of seed, as the heads grow to a large size, sometimes measuring as much as 18 inches in diameter. Plant 4 quarts to acre. Lb. 10c., bus. (25 pounds) \$2.00.

**VETCH, Hairy or Winter**. This is one of the most valuable forage crops for the South, but requires to be sown in the Fall for best results. Can be sown any time from July to October. Succeeds admirably sown at the last working of Corn with Winter Oats or Wheat. Should be sown at the rate of 20 to 30 lbs. to the acre with one bushel of Oats or  $\frac{3}{4}$  bushel of Wheat. The Oats or Wheat help to hold the Vetch off the ground, enabling it to make a better growth. Ask for price.

## Bird Seeds, Etc.

Prices subject to variations of the market. If wanted by mail, add 5c. per pound to cover postage.

**CANARY, Sicily**. Selected. Lb. 10c., 3 lbs. 25c.

**HEMP, Russian**. First quality. Lb. 10c., 5 lbs. 40c.

**RAPE, German**. Small-seeded. Lb. 10c., 5 lbs. 40c.

**LETTUCE**. Oz. 5c., lb. 30c.

**MILLET**. Lb. 8c., 5 lbs. 35c.

**SUNFLOWER, Mammoth Russian**. Lb. 10c., 3 lbs. 25c.

**MIXED BIRD SEED**. Canary, Rape and Millet. Lb. 10c., 3 lbs. 25c., 100 lbs. \$6.00.

**CUTTLEFISH BONE**. Piece, each 5c., lb. 60c.

**BIRD GRAVEL**. Pkt. 8c., doz. 75c.

**BIRD MANNA** (Song Restorer.) 15c., 2 for 25c.

# Schultz's High Grade Flower Seeds

Most flowering plants will live in almost any soil, but to give them a fair chance to develop, some care should be taken to make the ground suited to their needs. Many flowers are better if produced on plants of vigorous growth, hence a portion of the garden should be prepared by deep digging, thorough pulverization and liberal enriching with large quantities of well rotted manure. Since some other varieties produce the largest and finest colored flowers when grown on rather light, poor soil, a portion of the garden should not be enriched.

Cultural directions are given on the packets, and we urge purchasers to study them carefully. While some seeds need special treatment, the following general rules will apply to all. Make the surface of the soil as fine, smooth and level as possible; do not plant when the ground is wet; cover each lot of seeds to a uniform depth, which should not be more than four or six times the diameter of the seed; press the soil firmly over the seed; plant in rows so that the starting plants can be seen easily; thin out the young plants to prevent crowding and keep entirely free from weeds.

Plants are usually divided into three classes, Annuals, Biennials and Perennials. Annuals are plants which normally live but a single season. Biennials are plants living two years; particularly those which do not bear flowers and fruit until the second season. Perennials tend to live from year to year.

## ALL FLOWER SEEDS SENT POSTPAID ON RECEIPT OF PRICE

Send us \$1.00 and select PACKETS to the value of \$1.25.

"	"	2.00	"	"	"	"	"	"	"	2.50.
"	"	3.00	"	"	"	"	"	"	"	3.75.
"	"	4.00	"	"	"	"	"	"	"	5.00.

**Acroclinium** (Everlasting). A very pretty, half hardy annual, producing white and rose-colored, double, Daisy-like flowers, about 1½ inches in diameter. These are "Immortelles" so desirable for wreaths and Winter bouquets. Height, 15 inches. Mixed pkt. 5c.

**Adonis Autumnalis** (Pheasant's Eye). The flowers are very brilliant, and foliage delicate. Hardy annual. 1 foot. Dark, blood red. Pkt. 5c.

**Ageratum** As an addition to the flower garden's color forces in blue, the Ageratum is a valuable flower. The dwarf sort is particularly desirable for borders, edging, etc., being very compact and erect. Half hardy annual.

**Mexicanum Mixed.** Blue and white. 2 feet. Pkt. 5c.

**Alyssum, Sweet** For borders, edging, rockeries and cutting, this dainty little flower has no superior in its color. For borders sow thickly; for Winter bloom sow in August and transplant to pots.

**Little Gem.** Plants only 3 to 4 inches high. A large mass of white, sweet-scented flowers; fine for bordering. Hardy annual. Pkt. 5c.



Sample's  
Branching Aster

**Amaranthus** These plants afford brilliant contrasts of color, being useful for tall borders and groups, also where foliage effects are desired. The leaves and stems are of different shades of red, blended usually with green. 2 to 3 feet high.

**Tricolor.** A hardy annual with leaves of red, yellow and green; well known as "Joseph's Coat." Especially brilliant if grown in rather poor soil. Pkt. 5c.

**Asters** One of the most popular and useful of all our annuals. For early flowers the seed may be sown in the house or greenhouse in March or April, and transplanted in the open ground in May. However, as the Aster is a Fall flower, and the late blossoms are the finest, it is best to sow the seed in the bed thinly early in May and transplant. Half hardy annuals.

**Sample's Branching.** A class of Asters useful for cut flowers. They are very large and double, borne on long, stiff stems, and the colors are clear and handsome. A favorite with florists.

**Light Pink.** Pkt. 10c. **Purple.** Pkt. 10c.

**Flesh Pink.** Pkt. 10c. **White.** Pkt. 10c.

**Lavender.** Pkt. 10c. **Mixed.** Pkt. 10c.

**Dark Red.** Pkt. 10c., ½ oz. 60c., oz. \$1.00.

**Finest Mixed.** A mixture of very fine strains and colors. Pkt. 5c.

**Balloon Vine** A favorite with children, being remarkable for its inflated membranous capsules containing the seed. It is sometimes called "Love-in-a-Puff." A rapid and graceful climber. Flowers small, white. Tender annual. 6 feet high. Pkt. 5c.

**Balsam** Known as Lady Slipper and Touch-Me-Not. The brilliantly colored, double, Rose-like flowers of this well-known border and bedding annual are thickly set along the branches of the erect, bushy plants. The colors range from white to dark purple. Hardy annual. 18 inches high. Pkt. 5c.

**Calliopsis** or **COREOPSIS.** One of the leading plants for the flower garden, making a very showy border plant, producing flowers in nearly every shade of yellow, orange, crimson, red and brown. Sow where they are to remain, and thin to 1 foot apart. Hardy annual. Finest mixed. Pkt. 5c.

**Canary Bird Flower** A rapid growing Summer climber with finely cut foliage and yellow flowers. Tender annual. Pkt. 5c.

**Candytuft** Showy, branching plants, 6 to 18 inches high. Indispensable for cutting and very effective in beds or masses. If sown in Spring will bloom from July to September, or in the Fall will blossom from May to July. Hardy annual. Fine mixed. Pkt. 5c.

**Canterbury Bells** Popular and beautiful hardy plants, bearing a great profusion of attractive, bell-shaped flowers. Pkt. 5c.

**Carnation** The Carnation has always been one of the most esteemed of the florist's collection. Sow under glass in greenhouse or hotbed, and when of sufficient size transplant 1 foot apart each way. Half hardy perennial. 1½ feet.

**Marguerite.** With ordinary care will be in full bloom in 4 months after sowing the seed, flowering in profusion until checked by frost. The flowers range through many shades. Pkt. 10c.

**Castor Bean** or **RICINUS.** Tall, majestic plants for lawns, with leaves of glossy green, brown or bronzed metallic hue and long spikes of scarlet, or of green, prickly fruit. Of very quick growth in rich soil. Tender annual. 6 to 15 feet high. Pkt. 5c.

**Celosia** or **COXCOMB.** Free blooming, graceful plants, growing best in rather light soil, not too rich; grown in pots they are fine for the greenhouse or conservatory. Half hardy annuals. Pkt. 5c.

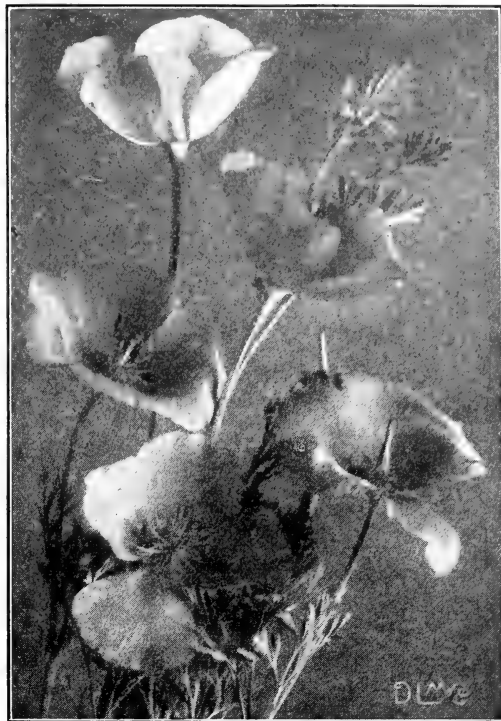
**Centaurea Cyanus** (Bachelor's Button, Corn Flower). A well-known, hardy border plant, also called "Blue Bottle" and "Ragged Sailor," which does best in carefully prepared gravelly soil. It flowers from July until late in the Autumn. Hardy annual. Plant 1 to 2 feet high. Mixed. Pkt. 5c.

**Chrysanthemums** The annual Chrysanthemums are distinct from the Autumn-flowering varieties, blooming all Summer and making a gorgeous display in the flower garden and for pot culture. Single mixed 5c. Double mixed 5c. Annuals.

**Cineraria** Cinerarias are easily grown from seed in the greenhouse. The large heads of brilliant Daisy-like flowers of many colors, usually sharply margined and with dark eye, are very desirable in pots. Perennial. Usually 1 to 2 feet high. Choicest mixed. Pkt. 5c.

**Clarkia** Beautiful hardy annuals with rose-colored and purple flowers, in delicate, but very brilliant shades. The plants are about 18 inches high and profuse bloomers. Mixed, double. Pkt. 5c.

**Cobaea Scandens** A fine rapid-growing climber with handsome foliage and large, bell-shaped flowers, green at first, but rapidly changing to a beautiful deep violet blue. A well established plant will run about 30 feet in a season, covering a large veranda with handsome foliage and beautiful flowers. Tender perennial. Pkt. 5c.



Eschscholtzia

**Columbine** Every well regulated garden has a space devoted to hardy perennials, and no bed of perennials would be complete without a due proportion of Columbines. They are of the easiest culture and when once established will furnish for many years a magnificent display of the handsomest flowers each Spring and Summer. Pkt. 5c.

**Convolvulus Minor** (Dwarf Morning Glory). Remarkably showy plants, with exceedingly handsome, rich-colored flowers, producing in beds and mixed borders an unusually brilliant effect. Half hardy annual. Finest mixed. 1 foot. Pkt. 5c.

**Cosmos** Very effective for Autumn flowering in broad masses or backgrounds. A hardy and rapid-growing annual, forming bush-like plants with feathery green foliage, 4 to 6 feet high, covered with large flowers somewhat resembling the single Dahlia. They are gracefully poised on long stems and are very useful for decorative purposes.

**Early Flowering.** This strain blooms in August. It is a strong, vigorous grower with lovely flowers of white, pink and crimson. Pkt., mixed, 5c., oz. 40c.

**Giant Fancy Cosmos.** These giant flowers are exceedingly beautiful. It is well to start the seeds of this class in the house early and transplant to open ground after hard frosts are past. Giant Pink, pkt. 5c., ¼ oz. 15c.; Giant White, pkt. 5c., ¼ oz. 15c.; Giant Red, pkt. 5c., ¼ oz. 15c.; Giant Crimson, pkt. 5c., ¼ oz. 15c.; Giant Mixed, pkt. 5c., ¼ oz. 15c.

**Cypress Vine** A most beautiful climber with delicate, dark green, feathery foliage and an abundance of bright, star-shaped, rose, scarlet or white blossoms. Tender annual. About 15 feet high. Scarlet, pkt. 5c.; white, pkt. 5c.; mixed, pkt. 5c.

**Eschscholtzia** (California Poppy). The State flower of California. It is fully as valuable as the common Poppy for garden ornamentation since it blooms through a much longer season. A bed in full bloom of these large, saucer-shaped flowers in various shades of yellow with orange center, gives a brilliant color effect. The foliage is finely cut and has a bluish tinge or bloom, delicate and very attractive. Hardy annual. About 18 inches high. Pkt. 5c.



Early Flowering Cosmos

**Forget-Me-Not** (*Myosotis*). A favorite old-fashioned flower, bearing in profusion, especially in Fall and Spring, clusters of dainty blue, five-petaled blossoms. It thrives well in the shade or open border but flourishes best in a moist, shady, situation. Hardy perennial. About 8 inches high. Pkt. 5c.

**Four O'Clock** (*Marvel of Peru*). The plants are large, and each needs 3 or 4 feet of space each way for its best development. The flowers are funnel-shaped, white, red, yellow or striped with these colors, and open about 4 o'clock in the afternoon. Pkt. 5c.

**Foxglove** (*Digitalis*). Grows to the height of 3 or 4 feet, affording dense spikes of brilliantly colored flowers which are terminal and half as long as height of plant. Colors white, lavender and rose. A valuable flower in every perennial garden; does not usually blossom until the second year. Hardy biennials or perennials. Pkt. 5c.

**Gaillardia** Showy bedding and border plants, remarkable for the profusion, size and brilliancy of their flowers, blooming the first year, and among the gayest ornaments of the garden in Summer and Autumn. Combinations of yellow and red predominate in the highly colored single and double flower-heads, 2 inches or more across, which are borne singly well above the foliage on long, slender stems; suitable for cutting. Hardy annual. Plants 1 to 1½ feet high. Pkt. 5c.

**Godetia** An attractive hardy annual, deserving more extensive cultivation. Bloom profusely, bearing showy flowers, 3 to 4 inches across, of white, rose, crimson, lilac and spotted. Pkt. 5c.

**Gourd** (*Cucurbita*). A tribe of climbers with curiously shaped and colored fruit. Being of rapid growth they are fine to cover old fences, trellises, stumps, etc. Tender annual. 10 to 20 feet high.

**Dish Cloth.** Long, green, corrugated fruit, the inside fibrous mass of which, when shell and seeds are removed, makes an excellent sponge. Pkt. 5c., oz. 25c.

**Japanese Nest Egg.** Used as nest eggs; fruits are white, do not crack and are not injured by heat or cold. Pkt. 5c., oz. 25c.

**Orange.** Also known as Mock Orange. Nearly round, orange colored. Pkt. 5c., oz. 25c.

**Pear-Shaped, Ringed.** This sort has green and yellow, exceedingly beautiful bicolored fruit, upper half yellow, lower half green. Pkt. 5c., oz. 25c.

**Pear-Shaped, Striped.** Fruits green, with cream-colored striping, sometimes changing to yellow. Pkt. 5c., oz. 25c.

**Powder Horn.** In the form of a powder horn. Pkt. 5c., oz. 25c.

**Siphon, or Dipper.** These gourds are useful for dippers; fruits long, bottle shaped, with nearly straight or slightly crooked neck. Pkt. 5c., oz. 25c.

**Mixed.** Pkt. 5c., oz. 20c.

**Helichrysum** (*Everlasting*). Large, double, everlasting flowers. Handsome bouquets may be formed of them for Winter, if gathered before opening. Hardy annual. 2 to 2½ feet. Mixed. Pkt. 5c.

**Heliotrope** Highly valued for the fragrance of their flowers and duration of bloom. Half hardy perennial, blooming the first year from seed. Dark varieties. Mixed. Pkt. 10c.

**Hibiscus Africanus** A vigorous branching plant, of easy culture. Pretty foliage; large, light yellow or cream colored blossoms, dark purple center. Flowers are exceedingly showy, saucer shaped, often 2 or 3 inches across. Hardy annual. About 2 feet high. Pkt. 5c.

**Hollyhock** For a background to a flower garden nothing is better than the improved strains we offer of this tall, old-fashioned garden perennial. The large, richly colored blossoms, about 3 inches across, ranging from deep yellow and red to pure white, are set as rosettes around the strong growing flower stalks. Sow seed in June or July, in open ground, and in the Autumn, when the plants have made five leaves, transplant to permanent position 2 to 3 feet apart. The following Summer they will bloom. All double varieties are hardy perennials. 5 feet high. Pkt. 5c.



Pansy—See page 43

**Humulus Japonicus** (*Japanese Hop*). Hardy annual climber, 15 to 20 feet high, rough lobed leaves, very rough leaf stems and small flowers. Used for covering unsightly objects or shading verandas. Pkt. 5c.

**Hyacinth Bean** (*Dolichos Lablab*). A fine climber with clusters of purple or white flowers followed by ornamental seed pods. Tender annual. 10 to 15 feet high. Pkt. 5c.

**Ice Plant** A curious plant for hanging baskets, rockwork, vases and edgings; leaves and stems succulent, appearing as though covered with ice crystals. Tender annual trailer. 6 inches high. Pkt. 5c.

**Ipomoea** Beautiful annual outdoor climber of luxuriant growth for covering verandas and arbors, or for screening unsightly objects. Sow preferably in heat, and transplant to open border; or sow in open border after the ground becomes warm. Soak seed in luke-warm water before planting. Tender annual. 10 to 15 feet high. Mixed sorts. Pkt. 5c.

**Job's Tears** Curious ornamental grass with broad, corn-like leaves and lustrous slate-colored seeds, used for beads. Valuable for Winter bouquets with everlasting flowers. Plant outdoors early in Spring in hills 3 feet apart, 4 or 5 seeds in a hill, and cover half an inch deep. Hardy annual. 3 feet high. Pkt. 5c.

**Lantana** The plants form small shrubs, producing in late Summer and Autumn an abundance of Heliotrope-like clusters of single, fragrant flowers that change color. Succeeded by green berries that turn to a deep blue. Start under glass and transplant when danger of frost is over. Tender perennial. About 2 feet high. Pkt. 5c.

**Larkspur** The Larkspur with its long clustered spikes of beautiful irregular flowers, often with long spurs, is especially valuable for its shades of blue. The annual forms are very valuable for bedding. Mixed pkt. 5c.

**Lobelia** Charming plants, well adapted for bedding, pots or rockeries. It makes a neat edging for beds of white flowers and is very effective in masses, being completely covered with flowers for a long time. The flowers are usually blue with light center. Half hardy annual. About 6 inches high. Pkt. 5c.



**Love-in-the-Mist** This singular plant is also known as Lady-in-the-Green and as Devil-in-a-Bush, because the blooms are partly concealed by the abundance of finely cut foliage. The plant and flower are each handsome and require but little care. Hardy annual. Pkt. 5c.

**Lupin** Very conspicuous plants with spikes of Pea-shaped blossoms of various colors. Looks well as a background to other lower growing annuals. Hardy annual; about 3 feet high. Pkt. 5c.

**Marigold** No flower garden seems complete without this fine, old-fashioned flower. Fine foliage and beautiful double flowers. Very effective. Hardy annual. In bloom till frost comes. Double mixed. Pkt. 5c.

**Mignonette** (Reseda). A well-known hardy annual, producing dense cone-shaped flower-spikes, made up of thickly set flowerets of modest colors. It is often used for cutting to combine in bouquets with other more pretentious flowers lacking its delicate and pleasing fragrance. Hardy annual. 1 foot. Pkt. 5c.

**Momordica** Gracefully climbing vines with small yellow blossoms, followed by fruits of curious shape. Tender annuals. The vines run 10 feet or more during the season. The seed is very hard and germination will be hastened if a notch is carefully cut through the shell before planting.

**Balsam Pear** (Charantia). The fruit is pear-shaped, green, changing to bright red, and has a warty skin; when ripe it bursts open and shows a brilliant interior of large carmine seeds. Pkt. 5c., oz. 25c.

**Balsam Apple** (Balsamina). Like Balsam Pear, but foliage smaller; fruit much smaller and nearly round, green striped when young, becoming scarlet. Pkt. 5c., oz. 25c.

**Moon Flower** (*Ipomœa grandiflora alba*). One of the most vigorous Summer climbers and will grow under favorable conditions 30 to 40 feet in a single season and be covered evenings and cloudy days with very large, white, trumpet-shaped flowers widely extended, often 4 inches across. Leaves large, 5 inches across. The hard outer coat of the very large, light yellow seed should be cut through with a sharp knife, care being taken not to cut any deeper than the hard shell. Tender annual. Pkt. 10c., oz. 50c.

**Morning Glories** **Japanese Giant.** A class of climbers making a growth of 20 to 30 feet quite early in the season. Their large flowers are striped, spotted and margined in all shades from white to the deepest red, blue and purple. Many are fluted and fringed. Sow the seeds early in a warm, sunny place. Choice mixed. Pkt. 5c., oz. 20c.

**Morning Glory** (*Convolvulus Major*). The well-known, old-fashioned Morning Glories. Splendid climbing plants. Of rapid growth and profuse bloom. Pkt. 5c., oz. 10c.

**Nasturtium** Few plants are more easily grown or remain longer in bloom than the *Tropæolum*, with its large shield-shaped leaves and beautifully irregular flowers having long spurs and brilliantly colored petals. Seed is usually sown outdoors as soon as the weather is warm and settled, in the row where the plants are to remain. A sunny situation is essential for free blooming. If the soil is very rich the plants give a large amount of foliage but few flowers.

**Dwarf Varieties** (*Tropæolum minor*). The flowers are very brilliant and attractive. Plants evenly dwarf and are often used for a border. When about 2 inches high thin so as to give each plant about 1 foot of room. Hardy annual. About 1 foot high. Pkt. 5c., oz. 15c.

**Trailing Varieties** (*Tropæolum Lobbianum*). The *Lobbianum* differs from the common, tall, climbing or running *Nasturtium* in being a little smaller in leaf, more compact in growth, more floriferous and having richer, more varied colored flowers. When about 2 inches high thin to 6 inches apart. Give some support to the vines as soon as they begin to run and they will usually grow 6 to 8 feet during the season. Fine for covering arbors and trellises. Half hardy annual. Pkt. 5c., oz. 15c.



Nasturtium

**Pansies** Very large flowered. An entirely distinct and beautiful race with flowers of the richest and most varied shades of color. Plants of vigorous, compact growth, with immense blotched flowers. Seed many be sown indoors very early in Spring, or a little later in the open ground, and transplanted when an inch high. Such plants will commence to bloom in June. If sown in July the plants will bloom in the Fall, or if sown in September the following Spring. Well pulverized soil should be used and the seeds covered one-eighth inch deep with fine soil firmly pressed down. Coolness and moisture are necessary. A situation sheltered from high winds and exposed to the morning sun is most favorable and frequent sprinklings are advantageous. Hardy perennial. 4 to 6 inches high.

**Large Flowering Mixed.** Pkt. 5c., oz. \$1.50.

**Giant Flowering Mixed.** Pkt. 10c., oz. \$2.50.

**Petunia** (Double Large-Flowered). The strain offered under this heading is the very finest and saved from pot plants. The seed will produce about 30 to 40 per cent. of extremely large, well-formed, densely double flowers, the balance being singles of the large-flowered type. As the double sorts do not produce seed, the single flowers must be pollinated with the pollen of the double ones, which accounts for the small percentage of double flowers. We would advise to select all the weaker seedlings in pricking off, as they invariably produce the finest double flowers.

**Giant Double, Plain-edged.** A superb strain, producing a large percentage of double-flowering plants of the finest colors. Pkt. 10c.

**Phlox Drummondii** Very hardy annuals, unequalled in the magnificent display of their many and brilliantly colored flowers. They will grow even in poor soil, but in order to develop to their highest perfection must have rich soil and must be given room. Choice mixed. Pkt. 5c.

**Pinks** (*Dianthus*). **Double Japan Mixed** (*Chinensis laciniatus*). The flowers are rich in hue; very double, deep fringed petals. Colors vary from white to rose, lilac, carmine, crimson, scarlet, purple, brown and almost black, spotted and striped. Mixed. Pkt. 5c., oz. 65c.

**Double China Mixed** (*Chinensis*). White and dark crimson selves, also white tipped, light purple and shades of red with darker blotchings. A mixture of double Pinks unsurpassed in variety of brilliant coloring and marking. Mixed. Pkt. 5c., oz. 50c.



Wallflower

**Poppies** (Annual). This exceedingly showy and easily cultivated class of plants grows and blooms in any ordinary soil, and is among the showiest of all annuals. Sow the seeds where the plants are intended to be grown, as they do not bear transplanting well. Hardy. About 2 feet. Double mixed. Pkt. 5c.

**Portulaca** There is scarcely any flower in cultivation that makes such a dazzling display of beauty as a bed of brilliant colored Portulacas. They thrive best in a rather rich, light loam or sandy soil, and an exposed sunny situation. Half-hardy annual.

**Fine Mixed.** All colors. Pkt. 5c.

**Salvia Splendens** (Scarlet Sage). Large, brilliant scarlet flowers are in these plants afforded a rich, dark green background of dense foliage. This variety is most generally used in parks and on extensive lawns, as in growth it is more vigorous than the more dwarf varieties. One of the most striking and effective bedding plants. 2½ to 3 feet high. Pkt. 10c., oz. \$2.00.

**Scabiosa** (Mourning Bride). One of the handsomest Summer border plants, producing in great profusion splendid flowers for table bouquets, etc. Hardy annual. 2 to 3 feet.

**Double.** All colors mixed. Pkt. 5c.

**Snapdragon** (Antirrhinum). An old border plant with dark and glossy leaves and long spikes of curiously shaped, brilliantly colored flowers, having finely marked throats. They have been much improved of late years by careful selection. Snapdragons blossom the first season from seed sown in Spring, specially under frames. Fine mixed. Pkt. 5c.

**Stocks** (Gilliflower). One of the choicest and most popular of our hardy annuals for garden or greenhouse culture, bearing long spikes of fragrant flowers and one of the finest for cutting.

**Double German Ten Weeks.** Mixed. Pkt. 5c.

**Sunflower** (Helianthus). **Annual Varieties.** Tall-growing sorts; fine for background along fences and walls or large borders. Small varieties useful for cutting.

**Chrysanthemum-flowered.** Extra large, double flowers, 6 to 10 inches in diameter. 5 feet. Pkt. 5c., oz. 25c.

**Large Russian.** A very tall growing single variety. 10 to 15 feet. The seed used for poultry. Oz. 5c., ¼ lb. 10c., lb. 20c.

**Sweet Peas** See pages 45 and 46.

**Sweet William** A very beautiful class of easily grown and very hardy plants of extreme richness and diversity of colors, deliciously sweet scented. Nothing surpasses this old rugged favorite for clumps or borders. Hardy perennials. About 1 foot. Pkt. 5c.

**Verbena** No plant is more generally cultivated than the Verbena, and no plant excels it for masses in beds on the lawn. Flowers perfectly well from seeds started in the house in pots or shallow boxes in early Spring, or seeds sown in May will bloom in August. Fine mixed, pkt. 5c.

**Violet** (Viola odorata). The Violet should not be wanting in any garden on account of its fragrance and early appearance. A single flower will perfume a whole room. Succeeds best in a shady, sheltered place and can be easily increased by dividing the roots. Hardy perennial. Pkt. 10c.

**Wallflower** Well-known, very fragrant garden plant, blooming early in the Spring, with large, conspicuous spikes of beautiful flowers; prized for bouquets; protect in Winter. Half hardy perennials. Blooms first season from seed. Pkt. 5c.

**Wild Cucumber** A climber which reaches a height of 30 feet in one season. It is covered with clusters of white, sweet-scented flowers, followed by an abundance of ornamental seed pods. Hardy annual. Pkt. 5c., oz. 15c.

**Zinnias** (Youth and Old Age). The Zinnia is one of the most brilliant, showy and satisfactory of annuals, and has long been a general favorite. The seed can be sown early in the hotbed or light window and transplanted, or sown later in the open ground. They come into flower early in the Summer and keep on blooming until hard frost. Pkt. 5c., oz. 40c.

## Bedding Plants for Spring Planting

	Each	Doz.
<b>Ageratum</b> .....	\$0.08	\$0.60
<b>Alyssum, Sweet</b> .....	.08	.60
<b>Asters, Assorted</b> .....	.05	.40
<b>Begonia</b> .....	.15	1.50
<b>Cannas, Green foliage</b> .....	.10	1.00
<b>Cannas, King Humbert</b> .....	.15	1.50
<b>Centaurea (Dusty Miller)</b> .....	.10	.85
<b>Chrysanthemum</b> .....	.10	1.00
<b>Coleus, Finest mixed</b> .....	.08	.60
<b>Dahlias</b> .....	.10	1.00
<b>Forget-Me-Not (Myosotis)</b> .....	.06	.60
<b>Fuchsia, Assorted</b> .....	.15	1.50
<b>Geraniums</b> .....	.15	1.50
<b>Heliotrope</b> .....	.12	1.25
<b>Ivy, Hardy English</b> .....	.08	.75
<b>Lantana, Assorted</b> .....	.15	1.50

	Each	Doz.
<b>Lemon Verbena</b> .....	\$0.12	\$1.25
<b>Lobelia</b> .....	.08	.75
<b>Marigold</b> .....	.08	.60
<b>Mignonette, Sweet scented</b> .....	.10	1.00
<b>Moon Vines</b> .....	.18	1.75
<b>Nasturtium, Dwarf</b> .....	.06	.60
<b>Pansies, Large, fancy, mixed</b> .....	.05	.50
<b>Petunia, Single sorts</b> .....	.08	.75
<b>Petunia, Double sorts</b> .....	.15	1.50
<b>Phlox, Hardy</b> .....	.15	1.50
<b>Phlox Drummondii</b> .....	.08	.75
<b>Scarlet Sage (Salvia)</b> .....	.06	.60
<b>Sweet William, Mixed</b> .....	.15	1.50
<b>Verbena, Finest mixed</b> .....	.06	.60
<b>Vinca, Variegated leaf</b> .....	.15	1.25
<b>Zinnia, Choicest mixed</b> .....	.06	.60

# SWEET PEAS

## Giant Spencer and Orchid-Flowering Varieties

**NEW WAVED TYPE SPENCER SWEET PEAS.** During the past few years an evolution has been going on in the Sweet Pea world, which has resulted in the creation of a glorious new giant-flowering class, a type distinct in form, size and beauty.

These new Sweet Peas are distinguished for their gigantic size, usually measuring 2 inches across; the bold, erect standards are uniformly waved, crimped and fluted in exquisite fashion; the charming blendings of harmonious colors; the exceedingly long flower stems, which make them unexcelled for cutting; the great profusion of flowers and the large number of flowers on the stem, usually from 3 to 4. The following 19 sorts comprise a collection of New Giant Waved Type Spencer Sweet Peas.

**Cultural Note.**—The seed should be sown in new ground as early as it can be worked in the Spring to enable the vines to make a good, strong growth before the hot weather sets in. White-seeded sorts should not be sown until the ground is comparatively dry and warm. Fall plantings give the best bloom; plant in September and October, 4 to 6 inches deep, giving slight protection, and they will become well rooted and grow off at the first opening of Spring and yield an abundance of bloom earlier and for a longer season than if planted in the Spring. Use plenty of well-rotted manure, and don't gather the blooms grudgingly—the more you pick them the longer and better they will bloom.

**APPLE BLOSSOM SPENCER.** An immense Spencer, with bright rose standard and primrose wings; wavy, fluffy and beautiful. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.

**ASTA OHN.** The best lavender Sweet Pea. Flowers are very large and beautifully waved. A very charming variety. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**BLANCHE FERRY SPENCER.** A giant type of Spencer form, with rose standard and wings; white, suffused and tinted with light pink. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.

**COUNTLESS SPENCER.** The type of a new race. The open-form flowers are of great size and wavy margins. Countess Spencer is a bright, clear pink, a little deeper at edges. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.

**Chrissie Unwin.** Carmine-lake. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**FLORENCE MORSE SPENCER.** Delicate blush, with pink margin. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.

**FRANK DOLBY.** Fine lavender of Unwin type; wavy. It is larger and finer than any other lavender Sweet Pea. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**FLORA NORTON SPENCER.** Very nicely waved. The color is bright blue, with tint of purple. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.

**FLORENCE NIGHTINGALE (New).** The largest and best lavender. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**GLADYS UNWIN.** A bold flower, with striking upright standard, which is crinkled and waved; broad wings. Of a lovely light pink color. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**GEORGE HERBERT.** An extremely gorgeous variety. The flowers are generally borne four on a stem, of the largest size, and both standard and wings beautifully fluted. They are of a bright, rosy carmine. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.

**HELEN LEWIS.** Large, wavy, orange-pink variety of the Spencer type. The orange-rose wings roll and fold. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.

**JOHN INGMAN.** Rose carmine, with veins of deeper shade. A bold, handsome flower; very large, open form, with wavy edges. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.

**KING EDWARD SPENCER.** The best, pure red Spencer; very large, with especially immense wings; pure sun-proof. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**MARIE CORELLI.** A bright, glowing crimson; almost self colors; fine, large flowers; beautifully waved. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.

**NORA UNWIN.** A very pure white variety. The flowers, which are usually borne three on a stem, are beautifully waved and fluted, of giant size and with erect, spreading standard; wings curved close to the keel. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**PRIMROSE SPENCER.** The Primrose Spencer has very large petals, which are wavy and fluted at the edges, giving the blossom a very graceful and pleasing appearance. The color is a distinct primrose, without the least trace of pink. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.

**WHITE SPENCER.** It is beautiful and graceful, with standard and wings of pure white; beautifully waved and fluted. Unquestionably the finest White Sweet Pea in existence. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**W. T. HUTCHINS.** Soft buff, primrose and blush, shading to apricot pink at the margin; flowers large and wavy. A splendid variety. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.

**MIXED SPENCERS.** Contains practically all the true Spencer varieties. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.



Spray of Spencer Sweet Peas

## Extra Early Flowering, or Christmas Sweet Peas

They usually bloom in about twelve weeks from the time seed is planted, and are mostly used for forcing. Started under glass about September 1, they begin flowering at Thanksgiving, and are in full bloom by Christmas. They also are very valuable for outside, as they will flower fully two weeks ahead of the Spencer and Grandiflora types.

**Christmas Pink.** Oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Christmas White.** Oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Meteor.** Scarlet. Oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Mrs. Alex. Wallace.** Lavender. Oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Mrs. C. H. Totty.** Sky blue. Oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Mrs. F. J. Dolansky.** Salmon pink. Oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Snowbird.** Pure white. Oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Watchung.** Pure white, black seeded. Oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

## Named Large-Flowered (Grandiflora) Varieties

This is the popular type frequently called "Eckford Varieties" or "Standard Sorts." There is almost an endless list of them. Many of the formerly most popular kinds have been superseded by new and larger-flowering sorts of the same color. We have discarded all inferior sorts and the list offered below we can recommend with every confidence.

**PRICE:** Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c.,  $\frac{1}{2}$  lb. 40c., lb. 75c., except where otherwise quoted.

### WHITE

**Blanche Burpee.** Superb, pure white; immense size, perfect form.

**Emily Henderson.** Splendid pure white; good for forcing.

**Sadie Burpee.** One of the largest pure white Sweet Peas.

### PINK AND WHITE

**Blanche Ferry.** Popular pink and white.

**Blanche Ferry, Extra Early.** Popular pink and white; ten days earlier.

**Earliest of All.** A splendid pink and white variety.

### LIGHT PINK

**Apple Blossom.** Bright rose and pink. Beautiful shade.

**Dainty.** White, with pink edge.

**Katherine Tracy.** Soft, brilliant pink.

**Lovely.** Beautiful shade of soft shell pink.

**Mrs. Gladstone.** Clear, bright, light pink.

### STRIPED AND MOTTLED

**Aurora.** White, with stripes or flakes of orange pink.

**Jessie Cuthbertson.** Creamy white, striped and flaked with dark rose.

**Senator.** Maroon and violet; striped white.

### SHADES OF RED

**Fire Fly.** Brilliant fiery scarlet.

**Her Majesty.** Beautiful deep rose.

**King Edward VII.** Bright crimson; very large flowers.

**Lord Rosebery.** Rose carmine, with veins of deeper rose.

**Mrs. Dugdale.** Beautiful deep rose.

**Princess of Wales.** Bright rose; self colored.

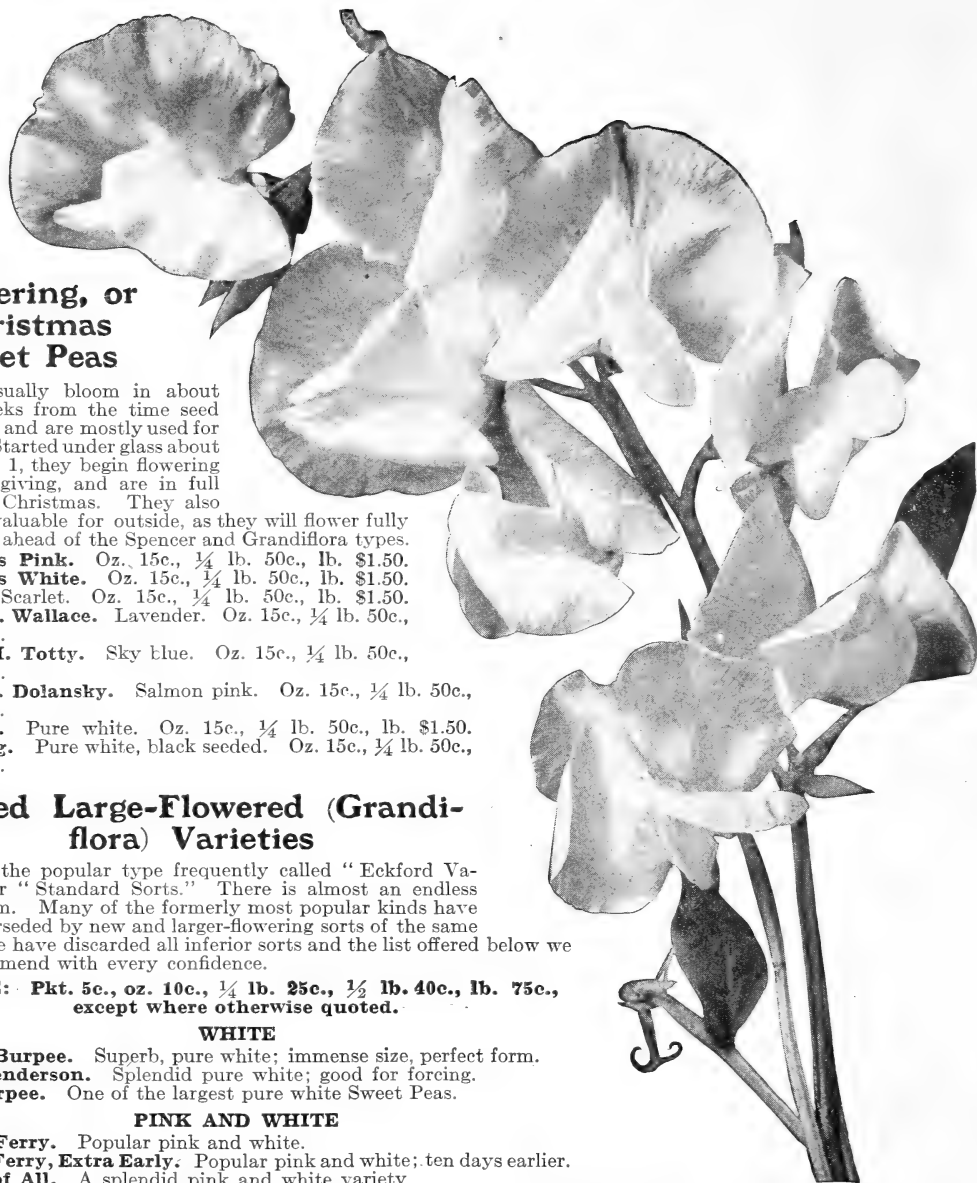
**Salopian.** Splendid brilliant scarlet; nearly sun-proof.

### LIGHT YELLOW

**Mrs. Eckford.** Beautiful primrose yellow.

### BLUE AND PURPLE

**Lord Nelson.** Deeper and richer shade than navy blue.



### LAVENDER AND LIGHT BLUE

**Countess of Radnor.** Standard delicate lavender; wings dark mauve.

**Dorothy Tenant.** Standard rosy mauve; wings bluish mauve.

**Helen Pierce.** Very bright blue; mottled on pure white.

**Lady Grisel Hamilton.** Light lavender, sky-blue wings.

**Mrs. Walter Wright.** Flowers self colored, of a pinkish-cream tint.

**Maid of Honor.** Almost white, with light bluish-lavender edge.

**Phenomenal.** White, shaded rosy lavender; wavy petals.

### ORANGE PINK

**Bolton's Pink.** Rich salmon pink.

**Lady Mary Currie.** Orange pink; shades rosy lilac.

**Venus.** Lovely salmon buff; striped rosy pink.

### CLARET AND MAROON

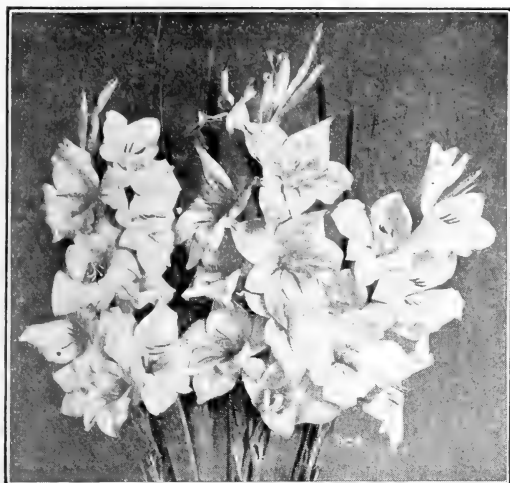
**Othello.** Glossy maroon; self colored; elegant.

### SELECTED MIXED

All colors. A magnificent mixture of beautifully colored, large-flowering Sweet Peas. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

# SUMMER FLOWERING BULBS, ROOTS, ETC.

Bulbs and Roots are not sent postpaid



Gladiolus, Pink Beauty

## CALADIUM ESCULENTUM

(Elephant's Ear)

One of the most effective plants in cultivation for beds, borders or for planting out upon the lawn.

	Each	Doz.	100
Mammoth Bulbs	\$0.15	\$1.50	\$10.00
Large Bulbs	.10	.85	6.00

## LILY OF THE VALLEY CLUMPS

For Outdoor Culture

Large clumps of Lily of the Valley for outside planting and naturalizing. These clumps will throw from 15 to 20 spikes of flowers. Each 30c., doz. \$3.00, 100 \$20.00.

## CINNAMON VINE

(Chinese Yam)

Splendid, hardy climber, rapid grower, with bright glossy green, heart-shaped leaves. White Cinnamon-scented flowers. Each 10c., 3 for 25c., doz. 90c., 100 \$6.00.

## MADEIRA VINE

Tuberous rooted climber with glossy green leaves and delightfully fragrant, white blossoms. Sometimes called Mignonette Vine. It is of rapid growth, and from a few tubers vines will be produced sufficient to cover one side of a cottage in a single season. The tubers are tender and must be protected from frost during Winter. Each 5c., doz. 35c.

## TUBEROSES

**Excelsior Double Dwarf Pearl.** Long spikes, 20 to 30 inches high, with large, double, pure white flowers of exquisite fragrance.

**XXX Grade.** Each 5c., doz. 30c., 100 \$2.00.

**XX Grade.** Each 3c., doz. 20c., 100 \$1.50.

## CHRYSANTHEMUMS

Very popular for outdoor planting. Very often flower as late as November. Flowers borne in profusion. They are quite hardy in the northern climate and if protected with a light covering of dried leaves or straw will Winter very nicely. We offer them in four colors: white, yellow, pink and bronze. Strong-pot-grown plants. Each 15c., doz. \$1.50.

## DOUBLE DAHLIAS IN SEPARATE COLORS

**Double White, Double Pink, Double Crimson, Double Yellow.** Large, field-grown clumps. Each 25c., doz. \$2.50.

## GLADIOLUS

NEW AND CHOICE NAMED VARIETIES

Those marked with an asterisk (\*) are specially adapted for forcing.

**\*America.** One of the finest Gladioli known. The plant is of vigorous growth with luxuriant foliage and producing spikes 2 to 3 feet long. The flowers are very large and of an exquisite shade of soft pink. Doz. 30c., 100 \$2.00.

**\*Augusta.** Lovely, pure white, with blue anthers. Doz. 35c., 100 \$2.25.

**Baron Joseph Hulot.** Deep indigo blue, slightly marked white at the base of the throat; very attractive when arranged with yellow flowers in a vase. Doz. 30c., 100 \$2.00.

**Brenchleyensis.** Vermilion scarlet; the best sort for planting in clumps among shrubs. Doz. 30c., 100 \$2.00.

**\*Mrs. Francis King.** Light scarlet of pleasing shade; a beautiful variety. Doz. 35c., 100 \$2.50.

**\*Pink Beauty.** Fine dark rose, with velvet blotch; extra attractive color; very early, very fine. Doz. 30c., 100 \$2.00.

**\*Princeps.** Color rich crimson, with broad, white blotches across the lower petals, making it a most striking variety. Doz. 35c., 100 \$2.25.

**Childsii Mixture** This is a first quality mixture of this justly famous type of Gladioli. The blooms are very large and the colorings unsurpassed. This mixture is made up of named sorts and many beautiful seedlings. We can recommend this mixture very highly. Doz. 25c., 100 \$1.50.

## COLLECTION OF BEAUTIFUL PEONIES

These flowering roots are becoming more popular every year, owing to their great range of color and magnificent showy flowers. There have been rapid strides made in color production the last few years and the shades we offer contain many of the best sorts and colors that specialists list under separate names and colors. They increase in floral beauty year after year and when once planted last a lifetime. They require very rich soil, are perfectly hardy, and in planting care should be taken to select a rich, sunny place. The tip of the crown should be 6 inches below the surface.

**Berlioz.** Large, full flower, globular, bright currant red. Each 25c., doz. \$2.50.

**Charles Leveque.** A beautiful shaped variety of a soft rose color, going over to salmon pink in the interior of the flower; one of the loveliest Peonies ever offered. Each 25c., doz. \$2.50.

**Duchesse de Nemours.** The best pure white; beautiful flower; rich bloomer. Each 20c., doz. \$2.00.

**Felix Crousse.** Enormous flower, of a brilliant red color. Each 35c., doz. \$3.50.

**Festiva Maxima.** Pure white, with a few scarlet spots in the center; very large flower. Each 25c., doz. \$2.50.

**L'Eclatante.** Carmine; very beautiful. Each 20c., doz. \$2.00.

**Madame Geisler.** Silvery pink. Each 25c., doz. \$2.50.

**Marie Deroux.** Perfectly cup shaped; flower fresh pink, shaded flesh; very late; extra. Each 25c., doz. \$2.50.

**Marie Lemoine.** Pure white; very fine, perfect form; late. Each 25c., doz. \$2.50.



# Insecticides and Remedies for Plant Diseases

*All subject to change in price. If wanted by mail, add 16 cts. per lb. to cover postage.*

**Ant Destroyer.** Will positively destroy red or black ants, Per box 25c.

**Aphis Punk.** Is lighted with a match and allowed to burn, which it does without flaming; kills aphis and thrips very effectively. A box contains one dozen rolls—sufficient for fumigating 600 feet of floor space. Per box of 12 rolls 60c., case \$6.50.

**Arsenate of Lead.** It kills all leaf-eating insects like potato bugs, rose bugs, fruit tree worms, gypsy and brown tail moths, caterpillars, elm leaf beetles, etc., and sticks like paint to the leaves. It is easy to apply, and won't injure the most tender foliage. 1 lb. 25c., 5 lbs. \$1.00, 10 lbs. \$1.75, 25 lbs. \$3.75.

**"Black Leaf 40"** (Sulphate of Nicotine). Highly recommended by spraying experts for destroying aphis, thrips, etc., without injury to foliage; is perfectly soluble in water; no clogging of nozzles. 1 oz. bottle 25c.; makes about 6 gallons; ½-lb. can 85c., makes 47 gallons.

**Bordeaux Mixture.** Very effective in preventing and checking all fungous diseases, such as potato rot, potato blight, rust, mildew and diseases of Grape. Full directions on can. Qt. 40c., gal. \$1.00.

**Bordo-Lead.** The one best spray for Apples, Potatoes and general purposes, against leaf-eating insects and fungous diseases. It sticks to the foliage like paint in spite of heavy rains. Guaranteed under the National Insecticide Act. Mix with cold water and it is ready to use. 1 lb. 25c., qt. 45c.

**Bug Death.** Is a non-poisonous powder, sure death to potato, squash and cucumber bugs, currant and tomato worms; safe to handle, can be applied either dry or in water. 1 lb. 20c., 3 lbs. 45c., 5 lbs. 60c., 12½ lbs. \$1.25, 100 lbs. \$8.00.

**Cutworm Remedy.** A powder which, when mixed with water and applied around the plant, will prevent the ravages of the cutworm to a large extent. Pkt. 25c., 50c., \$1.00.

**Fly Knocker.** Protects cattle and horses from Fly Pest. A sure preventive, perfectly harmless, easily applied. Its use on milch cows protects the cows from shrinkage of Summer milk. Fly Knocker is applied to best advantage by spraying. Qt. 30c., gal. \$1.00, 5 gals. \$4.00.

Sprayer for applying Fly Knocker, 50c.

**Hellebore.** Universally used for the destruction of rose slugs and currant worms. Very effectual and cheap. ¼ lb. 25c., ½ lb. 40c., lb. 75c.

**Kerosene Emulsion.** Not injurious to foliage, and a pure remedy for lice, scale insects and most soft-bodied insects. Very valuable for washing domestic pets. Kills by contact. Qt. 40c., gal. \$1.00.

**Lawn Compound** (Sterlingworth). Will kill the weeds in lawns without killing the grass. It absolutely destroys dandelions, plantain, chickweed and all weeds having broad or hairy leaves. Full directions for use on each package. 5-lb. cans 60c.

**Lemon Oil.** One of the cheapest, safest and most effectual insecticides. Dilute with 40 to 50 parts water. An excellent wash for dogs, curing mange, killing insects. ½ pt. 25c., pt. 40c., qt. 75c., ½ gal. \$1.25, gal. \$2.00.

**Lime and Sulphur** (California Wash). For San Jose Scale. It takes years for a fruit tree to reach a profitable age, but San Jose Scale can kill it in a single season. Our mixture is highly concentrated, and is ready for use by simply adding water, no boiling. Spray in the late Fall and early Winter, and again in the Spring before the buds open. For small orchard use the Bucket Spray; for large orchard the Barrel Pump. Dilute one gallon of Lime and Sulphur with 20 to 40 gallons of water, according to the nature of the tree. Qt. 35c., gal. \$1.00, 5 gals. \$3.50.

**Nikoteen.** An economical and powerful nicotine extract. One part to 600 of water is sufficiently strong to kill all insects, except scale, for which use 1 to 400. 2 oz. bottle 40c. Pt. bottle \$1.50.

**Paris Green.** More extensively used than any other poison. Purest of all brands. ½ lb. 25c., 1 lb. 50c. Special price on larger quantities.

**Slug Shot** (Hammond's). Destroys insects and worms injurious to garden and house plants; Potatoes, Cabbage, Tobacco, shrubs, trees, vegetables and fruits of all kinds. Positively not poisonous and will not injure the foliage. 5-lb. pkg. 35c., in 100-lb. lots \$6.50.

**Tobacco Dust.** For dusting plants affected with aphis; also used on Squash vines and Melons. 1 lb. 10c., 5 lbs. 25c., 25 lbs. \$1.00.

**Tobacco Soap.** For destroying insects, parasites and their eggs, infesting either plants or animals. ½ lb. 15c., lb. 25c.

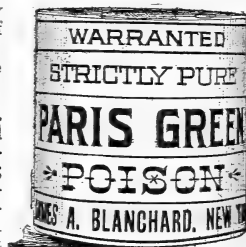
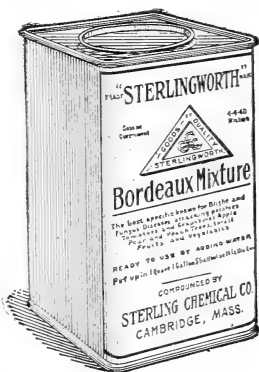
**Tobacco Stems.** For fumigating. Valuable as a mulch for Rose beds, Sweet Peas and other plants. Bbl. \$1.00, bale, 50 lbs. \$1.50.

**Tree Tanglefoot.** A sticky substance applied directly to the bark. To protect trees against climbing insect pests. One application remains sticky, fully exposed to weather, three months. One pound will make a band 7 to 8 feet long. 1-lb. can 35c.

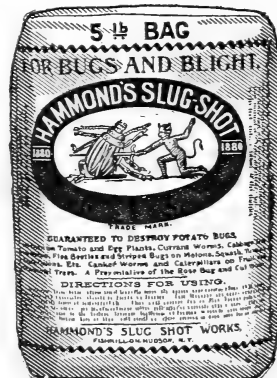
**Weed Killer** (Sterlingworth). Compounded especially for use on walks, drives, tennis courts, golf links, etc. It is a dry powder to be dissolved in water. When applied to vegetation it completely destroys all kinds of weeds, grass. Full directions on each package. 1-lb. package makes 15 gals., covers 45

to 60 sq. yds., 50c.; 3-lb. package makes 45 gals., covers 130 to 180 sq. yds., \$1.25; 5-lb. package makes 100 gals., covers 300 to 400 sq. yds., \$2.00.

**Fish Oil Soap.** This is a caustic Potash Soap made from pure fish oil and is free from animal fats or other adulterations. Makes an excellent wash for trees and plants where insects and eggs affect the bark, including the San Jose Scale. Per lb. 20c., 2 lbs. 35c., 5 lbs. 75c.



Pat. Mar. 16 & Nov. 9, 1897



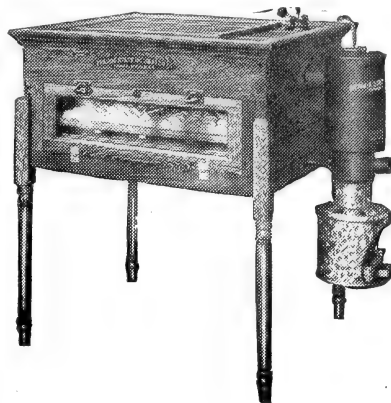
## PRAIRIE STATE SAND TRAY INCUBATOR

To those who desire to rear as well as to hatch chicks and ducks, the selection of an incubator is of vital importance. The high death rate experience with chicks the first ten days is more frequently due to imperfect incubation than to any other cause. Too many incubators of today are constructed with reference solely to hatching the desired numbers without considering the manner in which they are brought into existence.

Weak, anæmic chicks, lacking in strength and vitality, are of no value, if you hatch thousands; hence the importance of carefully considering the merits of an incubator in this direction before making a selection.

The Prairie State Sand Tray Incubators have proven themselves by thousands of tests, both in the hands of the novice, as well as in comparative results obtained by the large poultry plants using different makes of incubators.

The perfect construction and automatic heat regulation of these machines makes them easily operated and results doubly certain.



Prairie State Incubator

No.	Hen Egg Capacity	Duck Egg Capacity	Price
0 Diffusive style.....	100	75	\$21.50
Series A, No. 1.....	150	115	25.00
Series A, No. 2.....	240	200	35.00
Series A, No. 3.....	390	300	40.00
No. 0 Keystone.....	60	40	12.00
No. 1 Keystone.....	100	75	15.00

Lack of space prevents us giving detailed information concerning the Prairie State Sand Tray Incubators, Brooders and Universal Hovers, but will be pleased to send descriptive catalogue of these goods on request.

## 60-Egg Hatchalot Incubator.

Price each, \$8.00

## International Sanitary Hovers

The International Sanitary Hovers have stood every climatic test from Panama to Quebec. Practical poultrymen, state experiment stations, and poultry judges endorse them. You can raise chicks anywhere with International Sanitary Hovers. No specially constructed houses are necessary. There is no better place than in your regular hen houses. Sanitary Hovers are as practical for the small backyard poultry raiser as for large poultry farms. They are warmest at the curtain; usable anywhere; ready for business wherever placed. No crowding or smothering of chicks; no kneeling in mud to get at the lamp; no cutting of holes or building of platforms. You want the best brooding device—you will get it in the Sanitary Hovers. Price, \$8.50 each.

## Blue Hen Colony Brooders

A very high grade type of hot air brooder. Whether amateur or professional, you can raise successfully 100 to 500 chicks with no more trouble than raising a handful. In thirty minutes it can be set up, adjusted and fire started. Requires no attention, except replenishing the coal and taking out the ashes. Fully guaranteed. Nothing flimsy about it. Made to stand hard usage and should last a lifetime. Its chief feature is the wonderful success in raising a very large percentage of strong, healthy chicks. Chicks get all the fresh, warmed air needed, and **without floor draughts**. Simple, safe, economical. Burns either hard or soft coal.



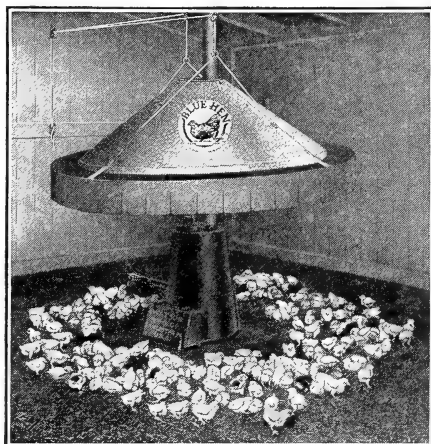
International Sanitary Hover

**Heater.**—Solid cast iron. Has two and a quarter times the grate area of any other coal brooder. Grates of the rocking and dumping type. Clinkers can't lodge. Has a 12-inch Fire Pot and holds 15 to 24 hours' supply of coal. The extra large grate makes a thin layer of ashes and a hot fire, which doesn't easily shake out. All other brooder stoves have a thick layer of ashes which requires a continual watching, shaking and applying draft to get proper amount of heat.

**Does Not Overheat the House.**—This is probably one of the greatest features of the **Blue Hen**. Under the hover, the chicks find all the comfort necessary. The heat is applied in Nature's way. A large area of the floor is warmed without overheating the house. Chicks exercise in the cooler atmosphere of the room; they run under the hover for warmth. No smothering or crowding.

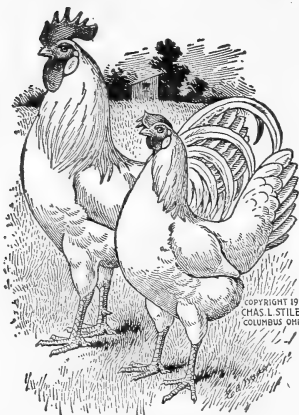
**Hover and Curtain.**—The hover is circular, 50 inches in diameter. Of galvanized iron, suspended from the ceiling. Can be raised out of the way for cleaning. The curtain extends down to the floor, thus preventing floor draughts. It is held away from the hover by arms which allow an open space at the top of the curtain for the intake of fresh air. This is drawn through the heater and warmed and sent out under the hover to the chicks.

No dangerous dampers in the chimney to force gases back and through doors to kill chicks. Special thermometer furnished with each brooder. Has double control regulator. The brooder comes completely equipped ready to set up. Price \$14.50.



Blue Hen Hot Air Brooder

# POULTRY and PIGEON SUPPLIES



Single Comb White Leghorn

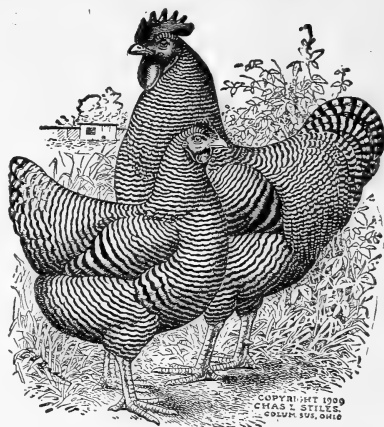
## Makem Lay Poultry Feeds

Contains No Grit or Shell

Prices below

Subject to Change Without Notice

**Makem Lay Poultry Feeds** are rapidly becoming recognized by successful poultry raisers as the standard for egg and flesh production. They are composed of choice grains and seeds, carefully selected as regards purity, cleanness, sweetness and freshness, and are mixed with such care that each mixture is a scientifically balanced ration for the purpose for which it is intended. They stand pre-eminent in the realm of poultry feeds today



Barred Plymouth Rock

**Makem Lay Poultry Feed.** A combination of various grains, coarsely cracked. Just the thing to insure heavy yield of fertile eggs. 10 lbs. 35c., 50 lbs. \$1.75; 100-lb. bag \$3.00.

**Makem Lay Mash Feed** (Ready Mixed for Daily Mash). Is the best balanced ration for pullets, hens, cockerels, capons, ducks, turkeys or geese. It is made from the best selected grains and contains no oat hulls or waste. Can be fed steamed as well as dry. 10 lbs. 35c., 50 lbs. \$1.50, 100-lb. bag \$2.85.

**Makem Grow Chick Feed.** A carefully balanced mixture of many different seeds and grains proportioned to the needs of the growing chick. This food keeps chicks free from indigestion and bowel trouble. Will reduce the loss to a minimum. 10 lbs. 35c., 50 lbs. \$1.75; 100-lb. bag \$3.00.

**Makem Develop Feed.** A developing food composed of whole grains and seed of the highest quality and especially adapted to the growing period, and when used insures a strong and rapid growth. 10 lbs. 35c., 50 lbs. \$1.75, 100 lbs. \$3.00.

**Makem Grow Pigeon Feed.** Composed of the very best hard red Winter wheat and other grains and seeds of equal quality. It is very strong in muscle and bone-making elements, and is so perfectly balanced that no organism is neglected. Pigeon breeders who have used Makem Grow Pigeon Feed pronounce it invaluable in productive incubation and rapid development of the young. 10 lbs. 40c., 50 lbs. \$2.00, 100 lbs. \$3.50.

**"F. P. C. Chick Manna."** Special prepared food for chicks and turkeys. First ten days' feeding, being peculiarly adapted for the most critical period of their existence. Starts them strong, vigorous and healthy—a healthy chick will grow. Unlike other chick feed on the market. 1 lb. 10c., 3 lbs. 25c., 5 lbs. 40c.

**Conkey's Starting Food.** A safe feed for small chicks first ten days after hatch. 1 lb. 10c., 3 lbs. 25c., 5 lbs. 40c.

**Pratt's Baby Chick Food.** Same preparation as Conkey's Starting Food. If these foods are used you will eliminate your diarrhoea trouble. 1 lb. 10c., 3 lbs. 25c., 5 lbs. 40c.

**Rarva Meat Meal High Protein Beef Scrap.** Is pure lean-beef fibre, carefully dried while fresh, and will keep indefinitely. It contains 85 per cent. protein and 7 per cent. fat. It causes rapid growth in chicks, assists in securing a heavy egg yield, and helps the birds during the moulting season. 5 lbs. 25c., 50 lbs. \$2.50, 100 lbs. \$4.50.

**Charcoal.** Aids digestion and promotes health of chicks to a wonderful extent. Grade "3X," medium chick size, and grade "4X," coarse granulated. 2-lb. cartons 10c., 5 lbs. 20c., 10 lbs. 30c., 50 lbs. \$1.00.

**Crushed Oyster Shells.** Important as an egg-shell maker and promoter of health. Our shell is clean and free from waste. No. 3 for chicks, No. 2 for adults. 10 lbs. 10c., 100 lbs. 75c.

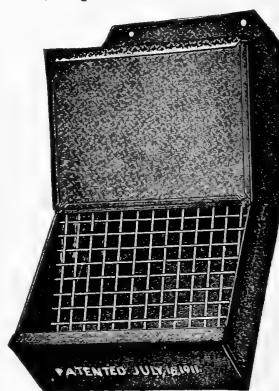
**Mica Spar Crystal Grit.** One of the sharpest and hardest grits known. 10 lbs. 10c., 100 lbs. 75c.

**Short Cut Alfalfa Clover.** No mash is complete without it. Aside from food value, it has high medicinal properties. 95 per cent. pure Clover. 5 lbs. 20c., 10 lbs. 30c., 100 lbs. \$2.00.

**Klean Drink Water Fountains.** They are easily cleaned and filled. Any ordinary bottle or fruit jar can be used with them. No bottles or cans are included with Fountains. 25c. each. Postage 10c.

**Grit and Shell Boxes.** This box is made of heavy galvanized iron with three compartments for grit, shells and charcoal. 3 compartments 50c., 2 compartments (holds 10 qts.) 75c.

**Stone Drinking Founts.** These are most excellent for Summer use as they keep the water cool. They are constructed with a hood so that the chickens cannot foul the water. 1 pt. 20c., 1 qt. 25c., 2 qts. 30c., 4 qts. 40c., 8 qts. 50c.



Sexton's Dry Mash Hopper

**Sexton's Dry Mash Hopper.** This hopper is arranged to hang on the wall the desired distance from the floor, and is impossible to waste any feed, as the pan at the bottom takes any feed that may be picked out, and the last crumb can be used, therefore saving any waste. The body being covered, the feed is kept dust-proof and clean and is always dry. Body made of galvanized iron, and the grating is of round galvanized wire, preventing the poultry from cutting their bills. No. 1, poultry size, each \$1.10.

## EGGS FOR HATCHING

We contract each year with reliable breeders who have pens that are mated with careful attention to fertility of eggs. Shipments are carefully inspected, packed and forwarded by express.

The following strains are thoroughbred. They have been brought up to their present degree of perfection by careful breeding and selection, and the stock we send out is sure to give satisfaction.

	Per setting (15)	Per 100
Single Comb White Leghorns.....	\$2.00	\$7.50
White Wyandottes.....	2.00	8.00
Barred Plymouth Rock.....	2.00	8.00
Rhode Island Red.....	2.00	8.00
White Plymouth Rock.....	2.00	8.00
White Orpington.....	2.00	8.00
	Per setting (11)	Per 100
Giant Pekin Ducks.....	\$1.50	\$10.00

**BABY CHICKS AND DUCKLINGS.** We can supply Baby Chicks and Ducklings of the above breeds. Prices quoted on application.

## POULTRY SUPPLIES—Continued



Corn Sheller

**Drop Board Scraper.** An ideal scraper for cleaning drop boards. Made of heavy steel and with long handle. Each 85c.



Drop Board Scraper

**Medicated Nest Eggs.** A combination of nest egg and lice killer; retains its power until fully evaporated. They keep the nest clean and sweet. Each 5c., doz. 60c.

**Porcelain Eggs.** These eggs are of best flint glass. White. Each 3c., doz. 25c.

**Toe Marker.** This Toe Marker is accurately fitted for cutting a clean hole. A high-grade tool in every particular. Price, 35c.

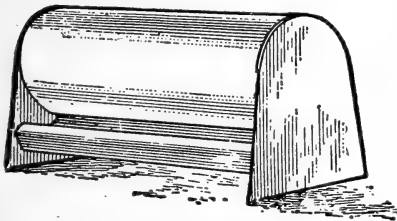
**"Spir-Ol" Leg Bands.** Made of celluloid in seven colors. These bands are light, tough and made in all sizes. Doz. 15c., 100 75c.



Leader Adjustable Leg Band

**Leader Adjustable.** Latest and best adjustable leg band out. Has neatest, most compact and smoothest fastening of any adjustable band on the market. Easily attached, absolutely secure and has no catching points. Doz. 15c., 25 25c., 100 65c.

**Climax.** Made of spring brass and so made that tag acts as a clasp. 12 for 25c., 25 for 45c., 50 for 60c., 100 for \$1.00.



Hub Chick Feeder

**Mann's Green Bone Cutters.** They surpass all others in easy and rapid cutting. They feed automatically and leave both hands free to operate; the feed regulates the power required so that it cannot run hard. The feed screw is large and has a coarse thread that will not wear out nor crush down nor break. The gears are guarded so that they cannot clog. The cylinder has been enlarged so they can take in a good size bone. They have adjustable steel knives, they are strongly built and will not break or wear out.

No. 5B. Balance wheel..... \$8.00

No. 5BM. Balance wheel and stand..... 10.40

No. 7. New model balance wheel and stand, open cylinder 12.00

**Clover Cutters.** Cut any quantity of Hay or Clover, either dry or green. Every revolution of the balance wheel produces twelve cuts. Price, with balance wheel, \$8.00; with balance wheel on iron stand, \$10.00.

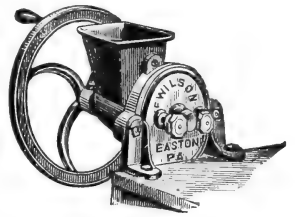
**Red Chief Corn Sheller.** Made of best material. Clamps on barrel or tub as easily as on box. Has closed hopper, making it impossible for operator to pinch hand. The only safe sheller for shelling Corn. Each \$1.75.

**Wilson's Hand Bone Mill.** This mill is intended for grinding oyster shells, dry bones, old crockery, crack corn and other coarse feed for chickens. Not intended for green bone. Weight 30 lbs. Price \$4.50.

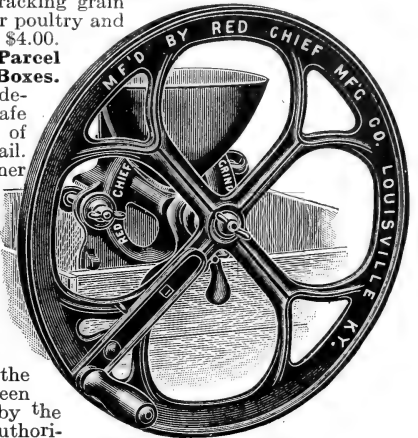
**Red Chief Mill.** The only mill that can be used with good results either with or without the flat burr, and can be cleaned and adjusted in a moment's time without the use of a wrench. An ideal mill for cracking grain of any kind for poultry and stock. Price, \$4.00.

**H. & D. Parcel Post Egg Boxes.**

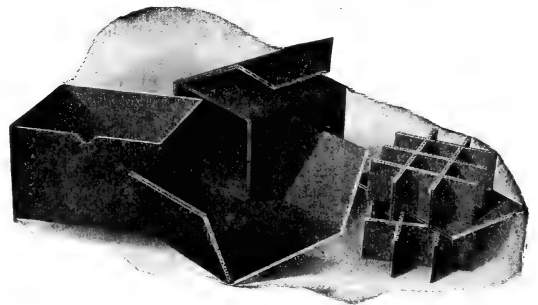
Have been designed for the safe transmission of eggs by mail. This container comes in five sizes for from one to five dozen, respectively, and is made with double thickness of corrugated board on each of the six sides of the box. It has been passed upon by the post office authorities, and we do not hesitate to recommend it as the safest, best and most convenient egg carrier on the market. All you have to do is to put the eggs in, wrap up the box, stick on the Parcel Post stamps, and it's done.



Wilson's Bone Mill



Red Chief Mill



H. &amp; D. Parcel Post Egg Box

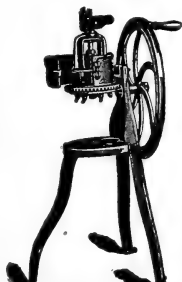
	Each	Doz.
1 dozen size.....	\$0.10	\$1.00
2 dozen size.....	.12	1.25
3 dozen size.....	.15	1.50
5 dozen size.....	.20	2.00
10 dozen size.....	.30	3.00

**Zenoleum.** Disinfectant animal Dip Lice Killer. Invaluable as a remedy for diseases of poultry and all live stock. One gallon of Zenoleum makes 100 gallons of positive disinfectant and germicide.

Use Zenoleum in your incubators, brooders and poultry houses and you will be free of all diseases. 8 oz. can 25c., Qt. 50c., ½ gal. 90c., 1 gal. \$1.50.

## CONKEY'S—LEE'S AND PRATT'S POULTRY REMEDIES AND TONICS

**Germozone** 50c. **Roup Cure** 25c. and 50c. **Lice Powder** 25c. and 50c. **Lice Liquid**, qt. 35c. **Poultry Tonic** 25c. and 50c. **Gape** 50c. **Cholera** 25c. and 50c. **White Diarrhoea** 50c. **Limberneck** 50c. **Chicken Pox** 50c. **Scaly Leg Cure** 50c. **Head Lice Ointment** 10c. **Bronchitis** 50c. **Laying Tonic** 25c. and 50c. **Noxide** 35c. and 60c. **Poultry Regulator** 25c. and 50c. **Black Diamond Lice Killer** 25c.



Mann's Bone Mill

# Spraying Outfits for Garden and Orchard

Spraying is not only a paying proposition, but it is now absolutely essential to the production of good marketable fruit and vegetables. Conduct it with business-like energy and intelligence and the returns will be large dividends. If you have only a small orchard it is not necessary to purchase a power outfit. The city man with a few bushes and small trees will only require a hand or bucket Sprayer. For a man with a fair-sized orchard a barrel Sprayer is satisfactory. For spraying Potatoes, Cantaloupes or other field crops, a Field Crop Sprayer is an excellent machine. Spraying is a preventive of diseases and will not cure the disease when firmly established.



## The "Perfection" Sprayer

Highest priced sprayer in its class—and worth it. For spraying, disinfecting or whitewashing, on plants, bushes, vines, etc. Made of heavier metal, with fewer parts, stronger in construction, more powerful in action. Pump has bronze ball valve and is fastened to top of tank with heavy threads. Tank 7½ in. x 20 in., lock seamed with twenty-six rivets. Hose attached with clamps. All furnished with automatic shut-off nozzles which will handle whitewash and thin liquids without change of parts. Made of galvanized steel or all brass. Packed 1 each in box. Weight, packed, 12 lbs.

No. 10G, Galvanized	Each	\$5.00
No. 10B, Brass	Each	7.50

## "King" Barrel Pumps

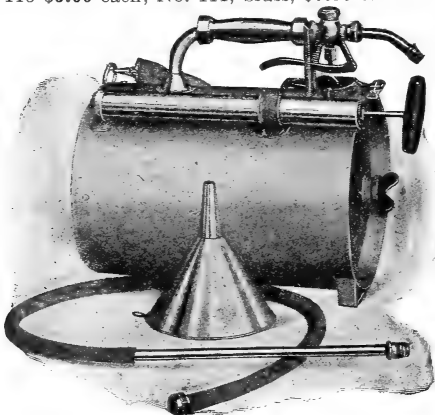
Can be mounted in any barrel and can be adjusted to varying heights. It has extremely large air chamber, large cylinder and removable ball valves. No leather or rubbers are used in this pump. Has 2-in. cylinder, 2½-in. air chamber and fastens to head of barrel. Has door castings to cover filling hole, which make it unnecessary to cut more than one hole in the barrel head. The head castings carry a pattern for cutting the opening in barrel. These pumps have the twin type mechanical agitator, made of hard wood, extra long, with adjustable stroke.

No. 5A "King" Pump has 15-ft. pressure hose, nozzle, hose clamps, etc. . \$16.00



## Lowell Fountain Compressed Air Sprayer

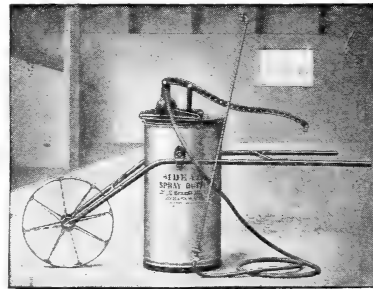
It is devoid of complex or intricate parts and is the easiest understood Compressed Air Sprayer in the world. It is so simple in construction that a child can operate it. Tree attachment and funnel, for filling, with brass wire strainer with each machine. Strongest Air Pressure Sprayer made—will stand five times the air pressure necessary to operate. Convex heads, seamed and soldered. Capacity of tank, 3 gals. Handy to carry; shoulder strap with each machine. Galvanized steel, No. 110 \$5.00 each; No. 111, brass, \$7.50 each.



Lowell Fountain Compressed Air Sprayer

Insecticides and Remedies for Plant Diseases, see page 48.

## "Ideal" Spray Outfits



This outfit is light, compact and easy to operate. The tank holds fifteen gallons. It has the largest air chamber of any spray pump of corresponding size. This enables the operator to keep uniform pressure at the nozzle. The pump cylinder is 1¼ in. in diameter, 7 in. in length. The plunger is made of brass, and is self-oiling. The packing is cotton wick. The valves are bronze balls ⅝ of an inch in diameter. Both valves are removable. The pump handle is of iron. It is extra long. A mechanical agitator keeps the liquids well stirred. A fine strainer at the opening in the suction pipe prevents anything getting into the working parts of the pump. The pump has the following equipment: 10 ft. ⅝-in. 6-ply pressure hose; 8 ft. pipe extension, in two pieces; 1 "Ideal" nozzle; 1 brass shut-off cock. Each No. 30 . . . . . \$18.00

## "Auto Spray" No. 1

**Auto-Pop Spray Nozzle.** Simply closing the hand operates the lever, opens the valve. The lever closes automatically, the spray is in perfect control. . . . . \$1.50

**Auto-Spray, No. 1 A.** Brass tank with stopcock. . . . . 8.00

**Auto-Spray, No. 1 B.** Brass tank with auto-pop. . . . . 8.50

**Auto-Spray, No. 1 C.** Galvanized tank with stopcock. . . . . \$5.00

**Auto-Spray, No. 1 D.** Galvanized tank with auto-pop. . . . . 5.50

**Brass Extension.** 2 ft. . . . . .60

**Brass Strainer.** . . . . . 1.00



SPRAYING OUTFITS—Continued

## AUTO-SPRAY

No. 37

### Compressed Air Sprayer

Capacity about 1 quart. The Auto-Spray No. 37 operates on both strokes of the plunger and throws a continuous and fine spray. Will handle all solutions, insecticides and disinfectants. Used in the greenhouse, kitchen garden, window garden, for Rose bushes, and in the poultry house.

Two spray caps—one straight, the other at an angle for reaching under leaves. Construction of tank permits the sprayer to be operated at any angle and it will not tip over when filling. The Auto-Spray No. 37 is highly finished—red striped—pump cylinder in brass tone lacquer.

<b>Auto-Spray No. 37B.</b> Tin pump and galv. reservoir.....	\$0.90
<b>Auto-Spray No. 37C.</b> Tin pump and brass reservoir.....	1.25



## Continuous Sprayer

As the name implies, is so constructed that it not only sprays on the downward stroke of the plunger, but also when it is drawn back, thus causing a continuous, mist-like spray.

Solution tank is made from heavy IX tin and is so constructed that the Sprayer will not tip over when filling. Capacity one quart. Each 75c.



## Faultless Sprayer

The special arrangement of the spraying tube is such that it thoroughly breaks up or atomizes all oils and solutions into a fine mist-like spray which penetrates all cracks and crevices. The sprayer is adapted for all kinds of general spraying and is used very extensively for spraying disinfectants, etc.

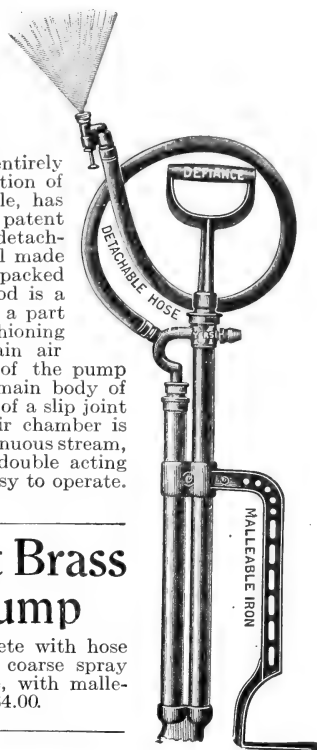
**No. 112.** Tin tube and tank, plain. Each 50c.



## Defiance Bucket Spray Pump

This pump is made entirely of brass with the exception of the foot rest and handle, has brass ball valves and patent agitator. The hose is detachable. The pump is well made throughout, has hemp packed plunger. The piston rod is a hollow tube, and forms a part of the air chamber, cushioning the stream. The main air chamber on the side of the pump is connected up to the main body of the cylinder by means of a slip joint tightly packed. The air chamber is sufficient to give a continuous stream, making a most perfect double acting bucket spray pump, easy to operate.

Price, each \$5.00.



## Little Giant Brass Spray Pump

With agitator, complete with hose and combination fine, coarse spray and solid stream nozzle, with malleable foot rest. Price, \$4.00.



## Glass Tank Sprayer

The tank of this sprayer is simply a Mason's Fruit Jar, which screws into the cap of the sprayer. It is easily detached, and easily cleaned. This sprayer has double system of air chambers which makes the same amount of solution cover about twice the surface with less strokes of the plunger. Receptacle, being of glass, cannot corrode, and if broken is easily replaced. Price, each 65c.

# PUMPS

## Meyer's Adjustable Base Single and Double Acting Force Pumps And Cucumber Wood Pumps, Porcelain Lined

When there is a question in selecting a pump, no one should decide in favor of a low-priced, unreliable pump. Buy a good pump always. The difference in cost is very slight, and the satisfaction given by a good pump, to say nothing of the longer wear, will make it by far the cheaper in the end. We can furnish you with a high-grade pump that will give entire satisfaction. Either in iron or wood. We have them to fit all depth wells.

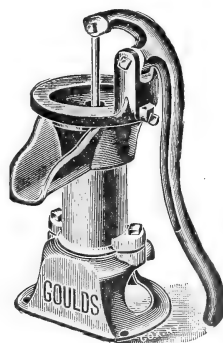
Price on pumps will be in accordance with depth of well. Send us depth of your well and we will name you price of complete pump by return mail.

## Pitcher-Spout Pumps

For Suction Lift of 25 Feet

The Standard Closed-Top Pump supplies the demand for a low-priced but substantial pump for use over shallow wells, cisterns or drive wells. To prevent freezing, raise the lever to extreme height, which permits the water to leave the cylinder.

<b>No. 2,</b> with 3-inch cylinder.....	\$2.35
<b>No. 3,</b> with 3½-inch cylinder.....	2.60



Price  
\$13.50



No. 6 Combined

## THE No. 6 COMBINED

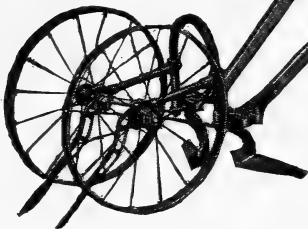
Is a double and single wheel hoe as well as a drill, which can be used either for continuous rows or dropping seed in hills at any reasonable distance apart. Sows accurately and the index can be set to sow exactly as you want it. Opens the furrow, sows the seed, covers and rolls it, and marks the next row, all in one operation. Capacity, 2 quarts.

## THE No. 3 WHEEL HOE

Is part of the No. 6, with side hoes only. If wanted with all of the tools shown above, order as No. 1. Price \$8.00. Made to go astride the row or between. Does all of the necessary hoeing, cultivating, furrowing, ridging, weeding, leveling, etc., in any garden.

No. 3 Wheel Hoe  
Price, \$5.00

If No. 1, with all tools, is  
wanted, \$8.00



## No. 19-C Wheel Cultivator

Has 24-inch wheel and the handles are fastened to the axle. A very practical hand cultivator. It is easily operated by men, women or children, and will last a long time.

## The New Model Seed Drill

Needs no introduction to the truck and other gardeners of this country. It is always a reliable and accurate sower — has the same indexed adjustments as on No. 6. It does not take cultivating tools.

Seed Drill  
New Model  
Price, \$9.00



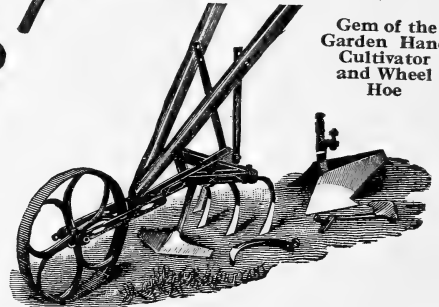
Send for  
new Booklet,  
"GARDEN-  
ING WITH  
MODERN  
TOOLS"—  
shows the  
full line of  
"IRON AGE"  
Wheel Hoes  
and Drills.

# IRON AGE GARDEN TOOLS

Are best because they have high steel wheels, light weight steel frames, the quickest, easiest scouring side hoes, the most combinations from which to choose what you need, and the largest number of attachments for special work.



Gem of the  
Garden Hand  
Cultivator and  
Wheel  
Hoe



## Gem of the Garden Hand Cultivator and Wheel Hoe

For family gardens this splendid little implement gives unbounded satisfaction. The five cultivator teeth are stamped from one piece of steel and do thorough work in loosening and pulverizing the soil; the scuffle hoes cut off weeds, clean walks, etc., while the two plows hill up potatoes, furrow out, etc.

Price, plain, with five teeth only, \$3.75, or complete, with scuffle hoes, plows and cultivator teeth, as shown in the cut, \$5.75. Landside plow, extra, \$1.15.

No. 19-C  
Cultivator

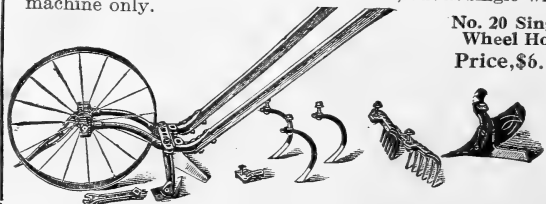
Price \$4.00



## No. 20 SINGLE WHEEL HOE

Includes all of the separate working tools shown with the tool. It will do the same work as No. 6, but as single-wheel machine only.

No. 20 Single  
Wheel Hoe  
Price, \$6.75



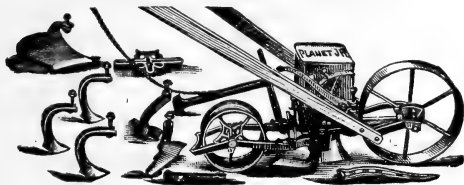


# Planet Jr. Garden Tools



The New "PLANET JR." Catalogue is the handsomest, best, and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

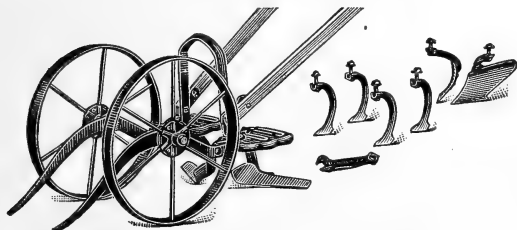
## No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow



This tool combines, in a single convenient implement, a capital hill-dropping seeder, a continuous row seeder and admirable single wheel hoe, an excellent furrower, a capital wheel cultivator, and a rapid and efficient wheel garden plow.

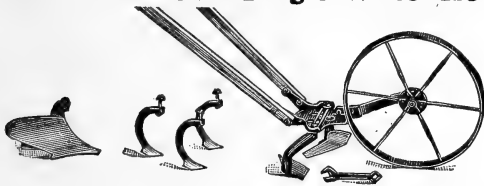
Price, complete.....\$12.75  
As a Seeder only..... 10.25

## No. 12 Double Wheel Hoe, Cultivator and Plow



The Planet Jr. Double Wheel Hoes are the greatest cultivating tools in the world for every grower of garden crops from drilled seed. They do more and do it better and easier than can possibly be done in any other way. The frame is steel. Weight, 32 lbs. Price \$8.25.

## No. 17 Planet Jr. Single Wheel Hoe

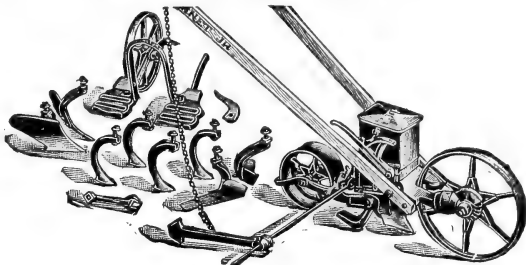


You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work. Price \$5.75.

## No. 17½ Planet Jr. Single Wheel Hoe

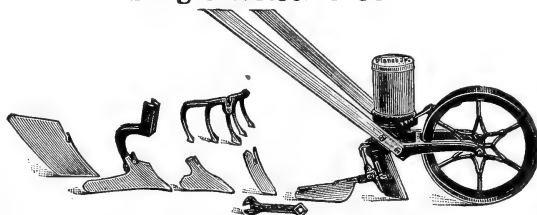
This tool is identical with No. 17, except in equipment. The pair of 6-inch hoes, three cultivator teeth and leaf lifter which go with it are all the finest of their kind. Price \$5.00.

## No. 25 Planet Jr. Combined Hill and Drill Seeder and Double Wheel Hoe, Cultivator and Plow



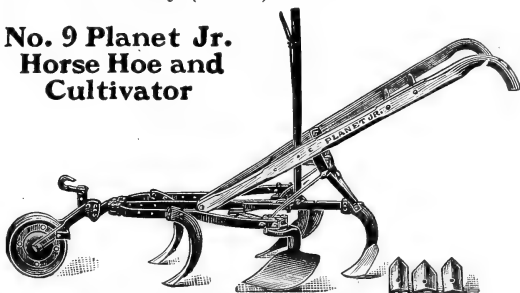
This new combined machine is intended for gardeners who have a large enough acreage in crops for a Double Wheel Hoe to be used to good advantage, and yet prefer not to buy seeders and wheel hoes separately. Price \$15.50.

## No. 31 Combined Drill Seeder and Single Wheel Hoe



The whole combination will delight the suburbanite or equally the growing boy who knows that a certain amount of garden work is to be part of his service. Women, younger or older, will find in this tool a light running wheel hoe that will save them hard work and help much to supply the table with fine vegetables. Price \$8.00; \$5.50 as a Seeder only (No. 32); \$3.25 as a Wheel Hoe only (No. 31).

## No. 9 Planet Jr. Horse Hoe and Cultivator



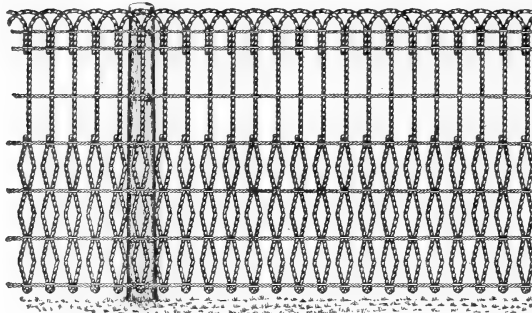
No other cultivating machine is so widely known as the Planet Jr. Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle. Price \$7.50.

## PRICE LIST OF OTHER PLANET JR. TOOLS

	Price
Planet Jr. No. 2 Seed Drill.....	\$8.50
Planet Jr. No. 6 Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow combined.....	16.50
Planet Jr. No. 11 Wheel Hoe. Double Wheel Hoe, with 2 pairs hoes, 2 pairs cultivator teeth, 2 pairs rakes, 1 pair plows and 1 pair leaf lifters.....	10.50
Improved Planet Jr. White Potato Digger (New style).....	22.00

	Price
Planet Jr. No. 13 Wheel Hoe. Double Wheel Hoe, with 1 pair hoes only.....	\$5.50
Planet Jr. No. 16 Wheel Hoe. Single Wheel Hoe, with 1 pair hoes, 3 cultivator teeth, 2 rakes, 1 plow and 1 leaf lifter.....	6.75
Double Celery and Asparagus Hiller.....	19.50

# Page Lawn, Poultry and Field Fence



UNIFORM AND HEAVILY GALVANIZED  
HIGHEST GRADE OBTAINABLE

## STYLE J. W. P. FABRIC

FOR LAWNS OR GARDENS

The J. W. P. Lawn Fence combines the beauty of a crimped picket and curved top together with a close mesh at the bottom, made by means of special shaped pickets, as shown in cut.

This fence is made with 3-in. mesh at the top, with the three bottom spaces split as shown in illustration, thus providing our trade with a fence close enough at the bottom to turn chickens, and a design that will appeal to fence users because of its exceptional beauty.

Only the best grade of GALVANIZED wire is used, but in order to insure the longest life possible as well as add to the appearance of the fabric, we cover same with a coat of white paint.

SPECIFICATION—WIRE. First grade galvanized No. 9 Crimped uprights. No. 12½ gauge cabled horizontals.

### PRICE LIST OF J. W. P. FABRIC

Height.....	36 in.....	42 in.....	48 in.....	54 in.....	60 in.....
Style J. W. P.....	20c.....	22c.....	25c.....	28c.....	32c.....
Single Gates.....	3 ft. x 3 ft., \$3.40.	3½ ft. x 3 ft., \$3.70.	3½ ft. x 3½ ft., \$3.80.		
Fabric per running foot, less than 100 feet, 30 per cent. discount off list prices. Special prices on large quantity.					

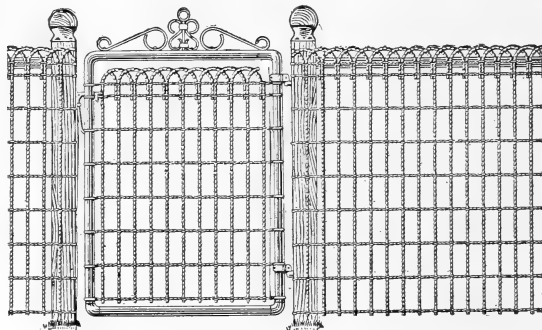
## ECONOMY FABRIC ON WOOD POSTS WITH WOOD RAIL

This fabric is frequently used without rail, the double-strength top acting as a guard where strength is most needed. Made in all heights, from 24 inches up to 118 inches, and in two meshes, 3 and 2½ inches between pickets.

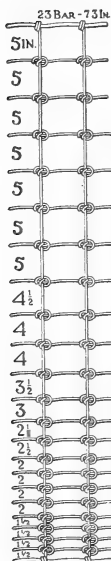
There is no longer an excuse for using cheap-looking field fence in front of or around residences, where at a slight additional expense an economy fabric can be used with the same posts and improve the surroundings more than ten times what any other improvement would do we could mention.

### PRICE LIST OF ECONOMY FABRIC

Height.....	36 in.....	42 in.....	48 in.....	54 in.....	60 in.....
Style ECONOMY.....	18c.....	20c.....	22c.....	25c.....	28c.....
Single Gates.....	3 ft. x 3 ft., \$3.40.	3 ft. x 3½ ft., \$3.70.	3½ ft. x 3½ ft., \$3.80.		
Fabric per running foot, less than 100 feet, 30 per cent. discount off list prices. Special prices on large quantity.					



## PAGE LION POULTRY FENCE



poultryman, and fully stout enough to protect yards against domestic stock. The first four lower wires are spaced 1½ inches, the next four wires 2 inches; then the next wires 2½ in., 3, 3½, 4, 4½ and the balance 5 inches apart.

### SPECIFICATIONS

Styles by Name	Top and Bottom	All Grade Wires	No. of Wires	Height by Inches	Price by Rod
P-1848-32.....	11	14	18	48	55c.
P-2058-32.....	11	14	20	58	65c.
P-2373-32.....	11	14	23	73	75c.

## PAGE LION WOVEN WIRE FENCE

HOG, SHEEP, DAIRY AND GENERAL STOCK FENCES

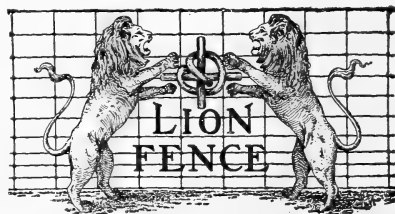
Among the "staple" fences, so called, we believe the LION is rightly named.

Every wire from top to bottom—and from end to end—line wires, cross wires and locks—is of a superior quality of Basic Open Hearth steel, heavily galvanized, and an examination of the tie we think, impress any farmer with its superior features. Firm but not rigid, simple but strong, we believe it is the smoothest, safest and surest staple tie on the market. It will not slide, slip, fall off or injure stock.

The Lion adapts itself to the lay of the land, and will outwear any other staple fence on the market.

Gates—Wire Gates of our regular patterns, both double and single, can be secured for use with Lion Fences.

Barb Wire, Twisted Two-Strand Wire, Plain Galvanized Wire. Prices on application.



Page Lion Poultry Fence

## John Deere General Purpose Steel Plow

Built Right—Easy to Pull—Easy to Handle



The Plow shown is built especially for the sandy, mixed soils of the Eastern States, and for these soils it is unequaled.

The moldboard has

a wide, easy turn, insuring light draft. This feature also adapts the Plow for work in old ground, stubble or tame sod. It is a general purpose Plow.

**No. M. P. 12.** Cuts 12 inches.. \$15.00

**No. M. P. 13.** Cuts 13 inches.. 16.00

**No. M. P. 14.** Cuts 14 inches.. 17.00

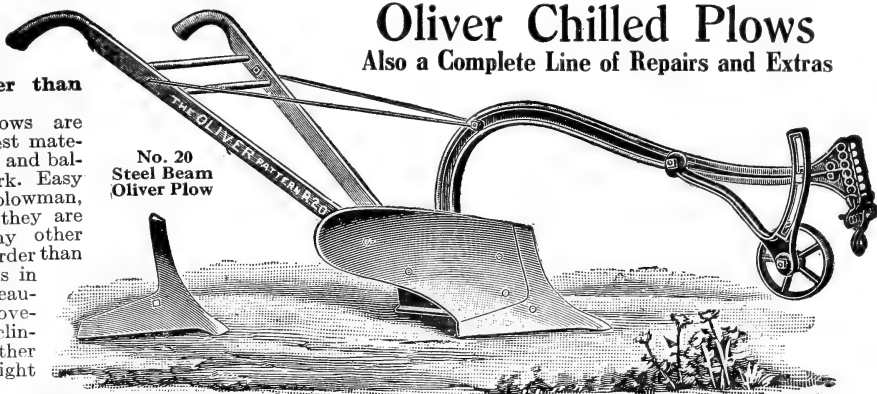
**No. M. P. 16.** Cuts 16 inches.. 19.50

Extra for Gauge Wheel..... 1.00

Extra for Jointer..... 2.50

**A Grand Plow, Lightest Draft, Runs Steady, Correct Shape, Harder than Steel.**

Oliver Chilled Plows are honestly made of best materials, correctly shaped and balanced to do grand work. Easy on both team and plowman, and we are certain they are not surpassed by any other make. The mold is harder than steel, scours like glass in any soil and turns a beautiful furrow. All improvements, including inclining landside. Either wood or steel beam, right or left hand.



No. 20  
Steel Beam  
Oliver Plow

## Oliver Chilled Plows

Also a Complete Line of Repairs and Extras

No.	Plain Oliver Plows	Wood Beam	Steel Beam
A—Light One Horse....	\$4.50	\$5.25	
B—Medium One Horse..	6.00	6.75	

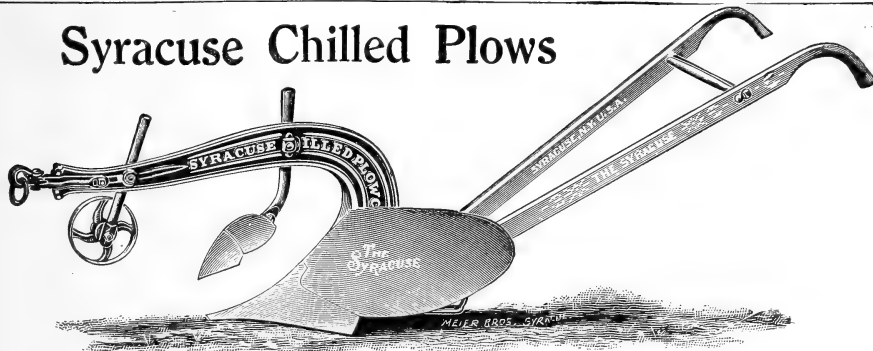
No.	Plain Oliver Plows	Wood Beam	Steel Beam
10—Large, One Horse....	\$7.00	\$7.75	
13—Small, Two Horse..	8.00	8.50	
19—Medium, Two Horse	8.50	9.25	

No.	Plain Oliver Plows	Wood Beam	Steel Beam
20—Regular, Two Horse..	\$9.00	\$9.50	
40—Three Horse.....	10.00	10.00	

Gauge Wheel, Extra.....\$1.25

Jointers, Extra.....\$2.25

## Syracuse Chilled Plows



No.	Hand	Size	Beam	Furrows	Price
50-L	Right	Light 1-horse	Wood	{ 2 in. to 4 in. deep 7 in. to 9 in. wide }	\$7.75
2-1878	Right	Medium 2 "	Iron	{ 5 in. to 7 1/2 in. deep 10 in. to 13 in. wide }	12.00
7-	Right	Medium 2 "	Steel	{ 5 in. to 7 in. deep 10 in. to 13 in. wide }	14.00.
1-1878	Right	Large 2 "	Iron	{ 5 in. to 8 in. deep 12 in. to 15 in. wide }	12.50
15-	Right	Large 3 "	Steel	{ 6 in. to 10 in. deep 14 in. to 17 in. wide }	15.50
35-	Left	Large 3 "	Steel	{ 6 in. to 10 in. deep 14 in. to 17 in. wide }	15.50

Prices quoted above are for **Plain Plows**. If Jointer is wanted, add extra \$2.50; wheels extra, \$1.25.

## Syracuse Contractor's Plows

**No. 1.**—2 to 4 horse, will turn a furrow 5 in. to 9 in. deep. Complete with wheel. Price, \$20.00.

**No. 98.**—Right Hand, 4 to 6 horse, especially adapted for tearing up cobble stones or macadam pavements. Strongly built throughout. Complete with shoe. Price, \$30.00.

**No. 99.**—4 to 8 horse; steel truss beam, very strongly built. Complete with shoe. Price, \$40.00.



## Clark's Cutaway Disk Harrow (Double Action)

These machines have four gangs of disks, two in front and two in the rear. The front gangs loosen and break up the dirt, and throw the dirt out; the rear gangs throw the dirt in. All four gangs are carried by a main frame that gives a very strong, unyielding connection between them. The rear disks are placed so as to track between the front disks, and the main frame holds the rear disks to their work, keeping them from dodging to either side and holding them in the ground, no matter how hard the land is. Any trash passing between the front disks is cut up and turned under by the rear disks, where it will turn into plant food. These machines run steady and true in the line of draft. The draft of these machines is very light, as the rear disks work in loose soil and consequently are drawn easily.

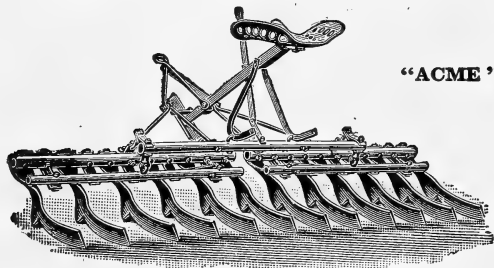
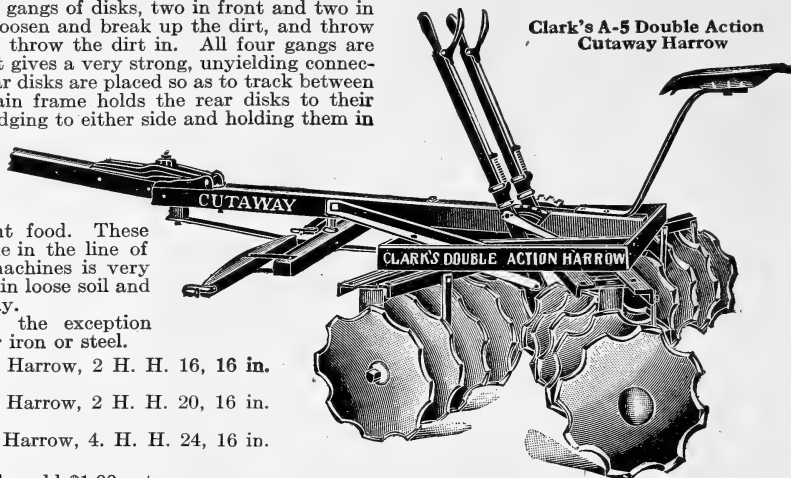
The whole machine, with the exception of the pole, is made of either iron or steel.

**A-4 Steel D. A. Cutaway Harrow, 2 H. H. 16, 16 in.** disks, cuts  $4\frac{1}{2}$  foot, \$43.50.

**A-5 Steel D. A. Cutaway Harrow, 2 H. H. 20, 16 in.** disks, cuts  $5\frac{1}{2}$  foot, \$48.50.

**A-6 Steel D. A. Cutaway Harrow, 4. H. H. 24, 16 in.** disks, cuts 6 $\frac{1}{2}$  foot, \$55.00.

If wanted with Jointed Pole, add \$1.00 extra.



## Acme Harrow

**"ACME" Cuts, Crushes, Levels, Turns and Smooths at One Operation**

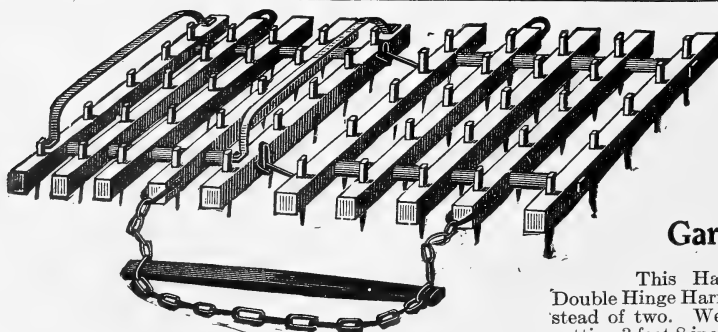
The "Acme" not only pulverizes, smooths and turns the surface, but cuts through to the under soil, pulverizing and compacting it. It also turns and mixes the soil so that the seed sown is covered evenly with fully pulverized soil, insuring a quick catch under the most favorable conditions for its germination.

There is no kind of tillage that the "Acme" will not take care of, and though especially adapted to heavy, stubborn land, the coulters may be adjusted by means of the lifting lever, to do perfect work in the lightest soil. It is the lightest draft riding Harrow manufactured. When this Harrow is going from one field to another, the cutting edges of the coulters may be raised from the ground by means of the lifting lever. Price: No. 23, \$19.00; width of cut,  $6\frac{1}{2}$  feet. No. 26, \$22.00; width of cut,  $8\frac{1}{2}$  feet. Prices do not include whiffletrees nor neck yokes.

## Adjustable Spike Tooth Lever Harrow

This Harrow has a frame of I-beam steel bars of "U" shaped steel, well braced and securely fastened at each end to the frame, which gives strength and rigidity, and as a guard against catching into trees and stumps. The teeth are of diamond shape steel. The runners are formed by the curved tooth extensions, which are placed so that the Harrow will free itself from trash.

The teeth are held firmly by a welded eye steel bolt through the slip malleable to roller bar, also the end teeth on the roller bars, which locks and bolts the frame firmly together. Each tooth cuts its own course, and can be raised or lowered as desired, and with the lever the teeth can be set to any pitch or cut desired. Price, 25-tooth, 1 section, \$6.50; 30-tooth, 1 section, \$7.00; 50-tooth, 2 sections, \$12.50; 60-tooth, 2 sections, \$13.50.



## Double Hinge Harrow (2 Horse)

This is a two-section, wood frame spiked-tooth Harrow. The runners, as seen in the cut, are intended to be used in carrying the Harrow from one field to another. Price, 40-tooth, \$10.50; 50-tooth \$11.50.

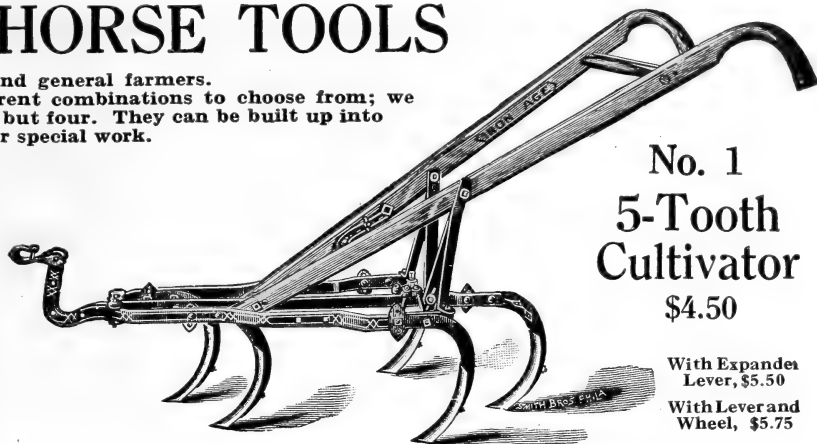
## Gardener's Harrow (1 Horse)

This Harrow is similar to the Baltimore Double Hinge Harrow, only it is made in one section instead of two. We furnish this Harrow with 25 teeth, cutting 3 feet 8 inches wide. Price, with 25 teeth, \$6.50.

# IRON AGE HORSE TOOLS

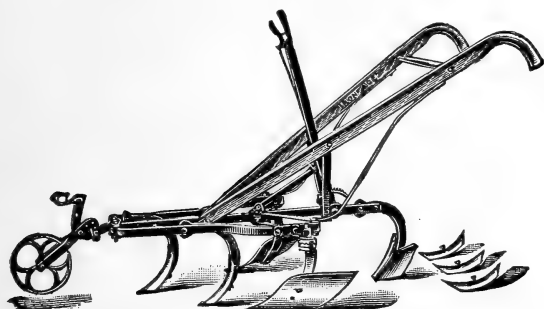
For truck gardeners and general farmers.  
There are many different combinations to choose from; we have room here to show but four. They can be built up into many different forms for special work.

No. 1 is the 5-tooth machine, plain as it can be; low-priced, but not cheap in material or construction. A good tool for straight-ahead work. Has one simple adjustment for rows. Opens to 24 inches and closes to 9 inches. Can be made into a 7- or 9-tooth machine. Will take plain or lever wheel, lever expander, or horse hoes and sweeps in place of plain teeth.



No. 1  
5-Tooth  
Cultivator  
\$4.50

With Expander  
Lever, \$5.50  
With Lever and  
Wheel, \$5.75



No. 6  
Horse Hoe and Cultivator

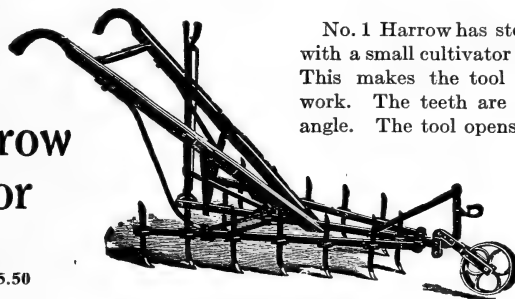
With Expander Lever  
and Plain Wheel, \$7.50

Less Expander, 75 cents. Less Wheel, 50 cents

No. 6 is much the same tool in construction, but is a horse hoe as shown, and has expander lever and a plain wheel. Sold without wheel or lever if wanted.

No. 1  
Combined Harrow  
and Cultivator  
\$6.75

Without Lever and Wheel, \$5.50



No. 1 Harrow has steel diamond-shaped teeth, with a small cultivator point forged on one end. This makes the tool good for two kinds of work. The teeth are adjustable for depth and angle. The tool opens to 34 inches and closes to 11 inches. The small fruit farmer and the general farmer will thoroughly appreciate the work of this harrow.

# IRON AGE

## 100% POTATO PLANTER (Improved Robbins)

### FURNISHED WITH OR WITHOUT FERTILIZER ATTACHMENT

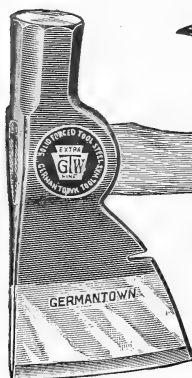


Plants a seed apiece in every space, and one only—that means a full stand and all of your ground will bring a profit.

It costs no more to cultivate and spray a full stand than a piece where there are 5 to 20 per cent. misses.

Plants at uniform depth and whatever distance apart you want. Saves seed, which is an important item when seed is high. No doubles; this means uniform size for the potatoes. You can have seed-hopper extension and large fertilizer hopper if you want them.

Without Fertilizer attachment..... \$80.00  
With Fertilizer attachment..... 90.00



Dibble



American Asparagus Knife



Bateman Asparagus Knife

Mehler's  
Handy  
Gardener

## Horticultural Tools and Requisites

**Asparagus Knife.** American, 45c.; Bateman, 40c.  
**Axe.** Best quality. Heavy, \$1.25; medium, \$1.15; light, \$1.00.

**Bellows, Woodason's Powder.** Large, double cone, \$3.00; large, single cone, \$2.00; small, single cone, \$1.00.

**Dibble.** Iron point, 30c.

**Flower Guard.** Height 18 inches. Per foot, 10c.

**Flower Pots.** 4 inches, 5c.; 6 inch, 7c.; 8 inch, 10c.; 10 inch, 20c.

**Forks, Spading.** D handle, 4 tine, best quality. \$1.00 and \$1.25.

**Manure.** D handle, oval tines, strapped handle. 4 tine, 90c.; 5 tine, \$1.00.

**Manure.** D handle, diamond tine, strapped handle. 4 tine, \$1.00; 5 tine, \$1.25; 6 tine, \$1.50.

**Manure.** Long handle, regular strapped, 4 tine, 85c.; long handle, Acme strapped, 4 tine, \$1.00.

**Grass Hooks, or Sickles.** English, 50c.; American, 40c.

**Grafting Wax.** ¼ lb. 10c., ½ lb. 15c., 1 lb. 25c.

**Hatchets.** Medium, 75c.; heavy, \$1.00.

**Hoes, Draw or Field.** 6 inch, solid socket, 50c.; 8 inch, solid socket, 55c.

**Draw.** 7 inch, rivet socket, 30c.; 8 inch, rivet socket, 40c.

**Acme Weeding.** 4½ inch. Each 60c.

**Scuffle.** 4 inch, 50c.; 6 inch, 60c.; 8 inch, 70c.

**Garden.** 1 point, 30c.; 2 point, 35c.; 3 point, 60c.

**Potato.** 4 prong, 75c.; light, 85c.; heavy, \$1.00.

**Mehler's Handy.** Each 75c.

**Grub.** Each 50c.

**Hose, Rubber.** Winner, 5 ply, per ft., 12c., Tiger, 6 ply, per ft., 14c.; Red Dandy, 7 ply, per ft., 16c.; Lion molded, per ft., 18c. Prices included couplings.

**Hose Nozzle.** Graduating, spray, or solid stream, each 50c.

**Hose Reels.** Wood to hold 50 ft., \$1.00; steel, to hold 50 ft., \$1.75; wood, to hold 100 ft., \$1.50; steel, to hold 100 ft., \$2.00.

**Labels.** Wood, for pots:

Size	100	1000	Size	100	1000
4 in.	\$0.15	\$1.00	8 in.	\$0.25	\$1.50
5 in.	.20	1.25	10 in.	.30	2.25
6 in.	.20	1.25	12 in.	.35	3.00

**Lawn Rollers.**

No.	Diameter	Length	Sections	Wght.	Price
501	15 in.	15	2	150	\$9.50
502	15 in.	22	3	200	11.00
504	20 in.	20	2	250	12.50
507	20 in.	24	2	300	15.00

**Mattock.** Handled, 85c.

**Mole Traps.** Reddick, powerful trap, easily set. Each 75c.

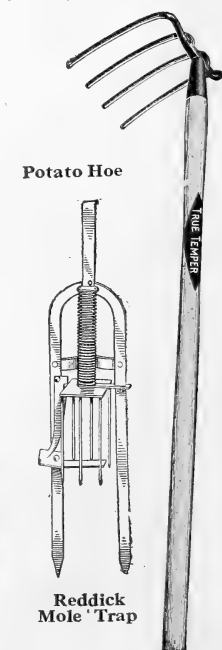
**Picks.** Light, 60c.; heavy, 75c.

**Plant Sprinklers.** Rubber. Plain, 90c.; angle neck, \$1.00.

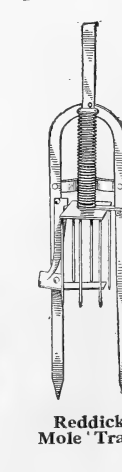
**Pruner, Tree (Water's).** 8 ft., \$1.00; 10 ft., \$1.15; 12 ft., \$1.25.

Garden  
Hoe  
Two  
Point

Acme Fork



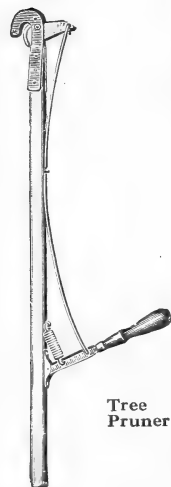
Potato Hoe

Reddick  
Mole 'Trap

Mattock



Scuffle Hoe

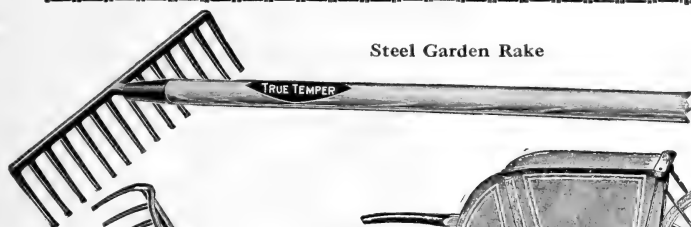
Tree  
Pruner

Heavy Pick

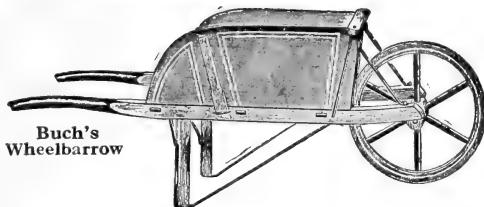


Manure Fork

Steel Garden Rake



Buch's Wheelbarrow



## Horticultural Tools and Requisites

**Rakes.** Malleable iron, 25c.

**Steel Garden.** 8 teeth, 50c.; 10 teeth, 55c.; 12 teeth, 60c.; 14 teeth, 75c.; 16 teeth, 85c.

**Bowed Steel.** 9 teeth, 55c.; 11 teeth, 70c.; 13 teeth, 80c.; 15 teeth, 90c.

**Wood Lawn.** 20 teeth, steel bows, each 40c.

**Wood Hay.** 12 teeth, steel bows, each, 25c.

**Saws, Pruning.** 18 in., 75c.; 24 in., \$1.00.

**Scythes.** English Waldron, 36 in. to 40 in., each, \$1.50; American, each 90c.; bush, short, each, \$1.00.

**Scythe Stones.** English, round, 15c.; Darby, 10c.

**Scythe Snath.** Patent Grass, 85c.; bush, \$1.00.

**Seed Sowers.** Columbia, broadcast, hand, \$1.50; Cahoon, broadcast, hand, \$3.00.

**Shears, Hedge.** English, 8 in., \$1.50; 10 in., \$2.00; 12 in., \$2.25.

**Lopping Clipper.** 20 in., \$1.00; 23 in., \$1.50; 25 in., \$2.00.

**Grass Border.** English, 8 in. blade, \$2.00; 10 in. blade, \$2.50.

**Pruning.** California pattern, black malleable handles, 50c.; nickel-plated handles, 85c.; Grange pattern, 50c.

**Grass or Sheep.** Steel, 50c.; cast, 30c. and 40c.

**Shovels (Steel).** Ames, round or square point, long, or short handles, each \$1.35.

**Shovels (Steel).** Harlan, round or square point, long or short handles, each \$1.10.

**Spades (Steel).** Ames, long or short handle, each \$1.35; Harlan, long or short handle, each \$1.10.

**Sprinklers.** Fountain or ring, made of heavy brass, each 90c.; baby or ring, made of heavy brass, each 75c.

**Tomato Supports.** Made of No. 7 wire. Each 25c., doz. \$2.50.

**Trellis.** Made of heavy wire, No. 9 width, 24 inch. Per ft., 8c.

**Trowels.** American, 10c., 25c. and 35c.; forged steel, 40c. and 50c.; cast steel, 25c.; transplanting, 40c.

**Watering Cans (Galvanized).** 4 qt., 45c.; 6 qt., 65c.; 10 qt., 80c.; 12 qt., \$1.00; 16 qt., \$1.15.

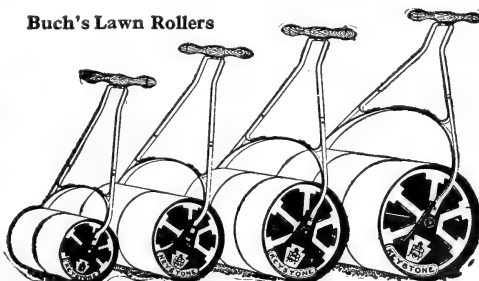
**Heavy, Round,** with brass tips and two copper-faced roses. 12 qt., each, \$3.00.

**Weeders.** Hand. Excelsior, 10c.; Hazeltine, 25c.; Eureka, 35c.

**Wheelbarrows.** Buch's No. 1 body, 30 in. long, 24 in. wide in front, wheel 22 in. in diameter. Each \$5.00. Buch's No. 3 body, 26 in. long, 19 in. wide in front, wheel 20 in. in diameter. Each \$4.00.

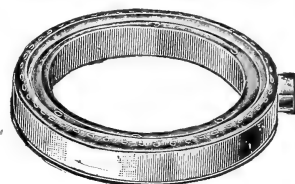
**Buch's Keystone Steel Tray No. 17.** Has a steel wheel and tray; capacity 3 cubic feet; weight 61 lbs. Each \$5.00.

Buch's Lawn Rollers

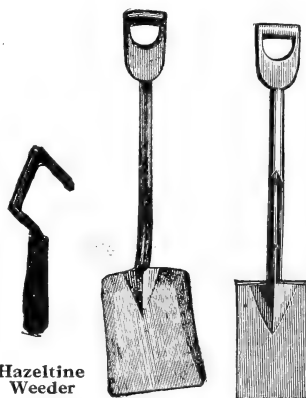


Pruning Shears

Grass or Sheep Shears



Fountain Sprinkler

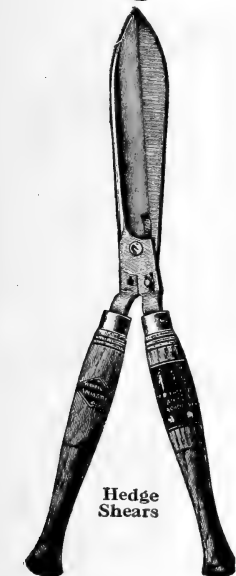


Ames Short Handle Shovel

Ames Short Handle Spade

Hazeltine Weeder

Hedge Shears



American Grass Scythe

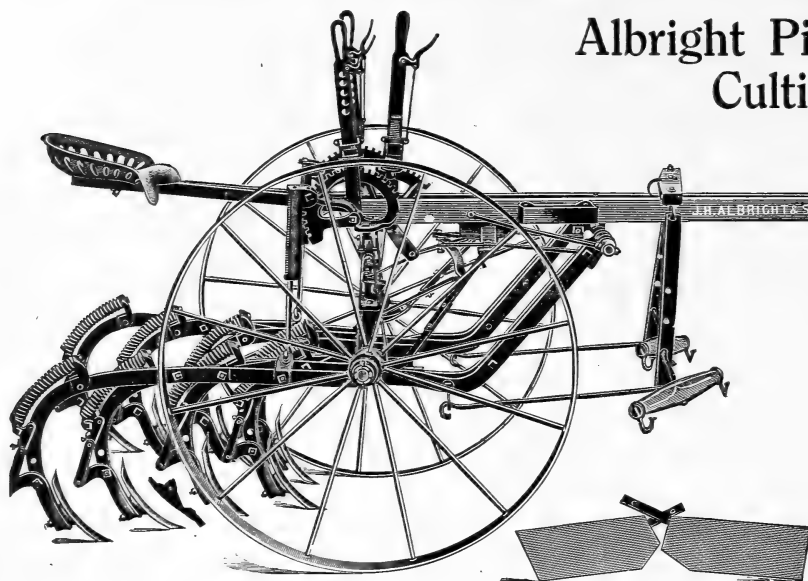


Bush Scythe



Tomato Support

## Albright Pivoted Axle Cultivator



This Cultivator has been expressly designed for those who grow a variety of crops, planted in rows of various widths such as Beans, Cabbage, etc., planted in rows 24 to 36 inches, and also Corn, Potatoes, etc., planted in rows 36 to 48 inches. This wide range of usefulness is made practical by the wide range of adjustment of the gauge and the construction of the gangs, which allows their use with from two to four shovels in each gang. The gangs have parallel movement, a modern feature of great value. Price, with Pin Hoe, 8 shovels, \$35.00; Spring Hoe, 8 shovels, \$38.50.

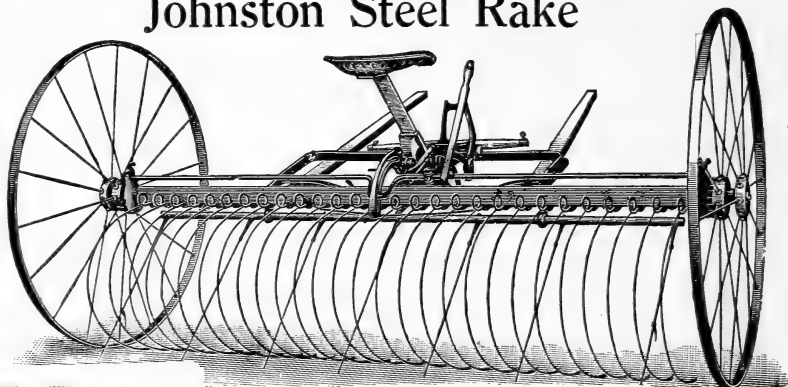
## Johnston Farm Machinery

**JOHNSTON'S FARM MACHINES** are simple, clean-cut, well finished and durable—not a part of any Trust, Combine or Monopoly—and have the confidence of the Farmers of two Hemispheres. Write us to send you a Johnston Catalogue—it is free.

A light, durable, self-dump machine. Handles easily the heaviest crops on rough or level ground. The steel wheels have double hubs, staggered spokes, channel steel tires with concave side out to give more traction.

The Johnston Steel Rake will give service and lots of wear. Besides, you are sure of simplicity, capacity, and great strength. Buy a Johnston. Price, 8 foot, 24 teeth, \$25.00; 9 foot, 22 teeth, \$26.00.

## Johnston Steel Rake

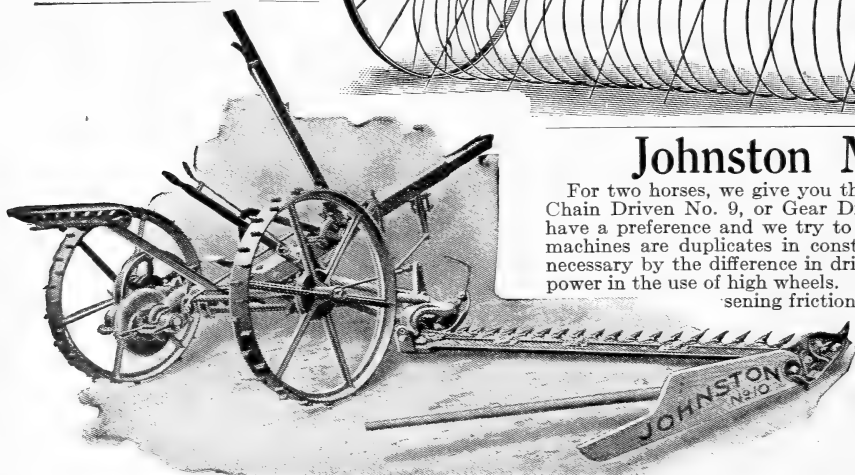


## Johnston Mowers

For two horses, we give you the choice of two Mowers, Chain Driven No. 9, or Gear Drive No. 10. Most men have a preference and we try to meet their wishes. The machines are duplicates in construction, except as made necessary by the difference in driving power. Each gains power in the use of high wheels. Each saves power by lessening friction and lost motion. Each machine is furnished in the same sizes, and the wide cuts have extension for the truck, to make the draft even.

### PRICES

3 ft., 6 in.	\$44.00—1 Horse
4 ft., 6 in.	48.00—2 Horse
5 feet.	49.00—2 Horse



## Johnston Steel Hay Tedder

For good work any hay tedder must have strength, smooth running and perfect balance. Every Johnston Tedder fills the bill on these three points and all others as well.

The forks have three tines in one piece of steel, spring tempered. A spring trip saves breakage. No two forks strike the ground at the same time. Outside forks stir the hay that the wheels pass over. We drive from the center by steel Locket Belt Chain. Power applied from both wheels at once gives even draft. Price, six fork, \$42.00; eight fork, \$45.00.



# FERTILIZERS

## For the Farm, Lawn, Garden and Greenhouse

Owing to transportation facilities due to the war and conditions existing abroad, chemicals used in the manufacture of fertilizers are quite uncertain to obtain, and Fertilizers and Chemicals offered in this catalogue are **subject to being obtainable and prices subject to change without notice.**

### Schultz's Lawn Enricher

For lawns and grass lots.

This superior dressing is made from chemicals, and is so prepared that it acts gradually throughout the season, producing a luxuriant growth of grass of a rich green color. It is far superior to lumpy, strawy manure which disfigures the lawn and gives off an offensive odor. It is nearly odorless, and is easily applied.

*Directions for Using.*—For making new lawns it should be applied at the rate of 25 pounds for 1200 square feet, or at the rate of 800 pounds per acre. As a top dressing for old lawns, use from 400 to 500 pounds per acre; or for small yards, 6 pounds to each 300 square feet. 5-lb. pkg. 30c., 10-lb. pkg. 50c., 25-lb. bag \$1.00, 100-lb. bag \$3.50, ton \$60.00.

### Ashes, Canada Unleached Hardwood

Excellent top-dressing for lawns and grass land. They give to the grass a rich, dark shade of green, and will destroy many of the insects that are injurious to grass roots. A superior lawn dressing. 100-lb. bags \$1.50, 200-lb. bbls. \$2.50; per ton, in barrels, \$22.00

### Concentrated Plant Food Tablets

An odorless food for potted plants. Makes plants grow and bloom luxuriantly and drives troublesome insects from the soil. Takes the place of liquid manure. Explicit directions on each package. 10c. package contains 30 tablets; 25c. package contains 100 tablets.

### Pulverized Sheep Manure

(Sheepshead Brand).

A rich, pure, natural manure. Excellent as a top-dressing for lawns. Its effect is immediate and lasting. It is recommended for the vegetable garden, promoting a steady and rapid growth. It makes a rich and safe liquid manure. 1 pound to 5 gallons of water. 1 lb. 10c., 5 lbs. 25c., 25 lbs. 75c., 50 lbs. \$1.25, 100 lbs. \$2.00, ton \$30.00.

### Pure Raw Animal Bone Meal

Analysis.—Ammonia,  $4\frac{1}{2}$  to 5 per cent.; bone phosphate, 50 to 60 per cent.; equivalent to phosphoric acid, 25 to 27 per cent. Pure animal bone can always be relied upon to give excellent results upon the growing crops, at the same time acting as a permanent improver, showing its results for several years afterward wherever it is applied. Bag of 200 lbs. \$5.00, ton \$48.00.

### General Crop Grower

Analysis.—Ammonia, 2 per cent.; phosphoric acid, 8 per cent.; potash, 1 per cent. This brand is intended as a general crop grower, and will be found equal in quality to any of the brands of this grade on the market. Sack of 167 lbs. \$2.50, per ton \$28.00.

### Truck Grower

Analysis.—Ammonia, 4 per cent.; phosphoric acid, 8 per cent.; potash, 1 per cent. This brand has been used largely by the most successful truckers and is prepared especially for early vegetables. Sack of 167 lbs., \$3.25; per ton, \$35.00.

### High Grade Potato

Analysis.—Ammonia, 3 per cent.; phosphoric acid, 8 per cent.; potash, 1 per cent. This brand of goods possesses all the valuable elements of a high-grade potato fertilizer. It can be used on all potato crops with good results. Sack of 167 lbs., \$3.00; per ton, \$32.00.

### Seven Per Cent Trucker

Analysis.—Ammonia, 7

per cent.; phosphoric acid, 6 per cent.; potash, 1 per cent. Truck growers require a special fertilizer to force their early truck for market. We recommend this fertilizer as giving the best results on Cabbage, Tomatoes, Melons and all kinds of vegetables which are grown for market. Sack of 167 lbs., \$4.50; ton, \$47.00.

### Ten Per Cent Trucker.

Analysis.—Ammonia, 10

per cent.; phosphoric acid, 5 per cent.; potash, 1 per cent. The highest grade manufactured. Very quick-acting fertilizer for plant beds. Matures crops at the earliest date. Sack of 167 lbs., \$5.50, per ton, \$60.00.

## MAPES' MANURES

Choicest forms plant food known. No South Carolina Rock used. Basis Bone, Peruvian Guano, Blood, Nitrate and Carbonate of Potash.

### MAPES' GENERAL SPECIAL WAR BRAND.

Superior to Peruvian Guano for quick results and lasting benefits. Analysis.—Ammonia, 7 per cent.; phosphoric acid, available, 6 to 8 per cent.; soluble potash, 1 per cent. A strictly high-grade fertilizer, especially adapted for use by truck growers and on all classes of soil, with or without stable manure, for vegetables, insuring quick growth, tenderness, productiveness, fine flavor, nutritious quality and early maturity. It is especially recommended for and is largely used by our leading truckers upon the following crops: Radishes, Lettuce, Beets, Onions, Peas, Snap Beans, Tomatoes, Cucumbers, Pepper, Spinach, early and late Cabbage, Eggplant, early Turnips, Melons, Squashes and Asparagus beds. Bag of 200 lbs., \$6.00; ton, \$55.00.

### MAPES' POTATO MANURE WAR BRAND.

Superior to stable manure for potatoes. Analysis.—Ammonia,  $4\frac{1}{2}$  to 5 per cent.; phosphoric acid, 8 to 10 per cent. (soluble and available, 8 per cent.); soluble potash (actual) 1 per cent. This is far superior to stable manure for this crop. Produces better and smoother potatoes, and makes a much larger yield. It is especially prepared and recommended for both Irish and Sweet Potatoes, Asparagus, Beets and other root crops. Use 300 to 400 pounds per acre in drill for Irish Potatoes, or 500 to 1000 pounds broadcast; for Sweet Potatoes, 200 to 300 pounds per acre in drill. Bag of 200 lbs., \$5.50; ton \$48.00.

## FERTILIZING MATERIALS

**NITRATE OF SODA.** For vegetables, apply at the rate of 100 pounds to the acre, drilled close to the plants and slightly covered with soil. For grain and grass crops, apply broadcast at the rate of 100 to 125 pounds to the acre, and cover slightly with the harrow. It is used principally in the Spring, just at the beginning of the active growing season. Price, per lb., 10c.; 20 lbs. or more, 6c. per lb.; 100 lbs., 5c. per lb.; per 200-lb. bag, \$8.00.

**KAINIT, SULPHATE POTASH, MURIATE POTASH, GROUND ANIMAL TANKAGE.** Prices on application.

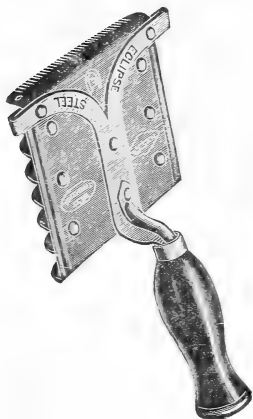
**ACID PHOSPHATE** (South Carolina Rock). Analysis.—Available phosphoric acid, 16 per cent. Per 167-lb. bag, \$1.75, per ton, \$18.00.

**LAND PLASTER.** Excellent for composting, fertilizing or mixing with guano. Per sack (200 lbs.), \$1.00; per ton, \$10.00.

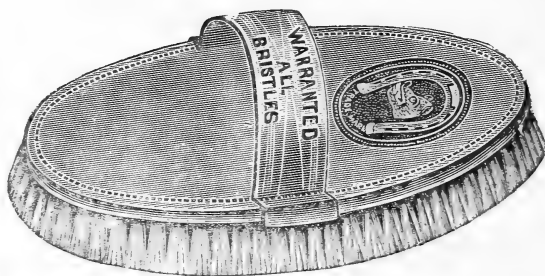
**THOMAS PHOSPHATE BASIC SLAG.** It contains, in readily available form, the lime and phosphoric acid needed by so many of our farming lands. The Basic Slag we offer has a content of 17 to 19 per cent. phosphoric acid. Per bag of 200 lbs., \$2.50; per ton, \$24.00.

## Harness and Stable Supplies

Cart and Heavy Double Team Harness, Horse Collars, Saddle and Collar Pads, Storm Horse Covers, Horse Blankets, Plush Robes, Nose Bags, Wagon Umbrellas, Harness Dressings, Rattan Brooms, Lanterns



No. 1400.—All steel, 8 bars, each 20c., per doz. \$1.75.



No. 600.—All Bristles, each \$1.25.  
No. 50.—London Extra, each 75c.  
No. 373.—Leather Back, each 50c.  
India Fiber, leather handle, each 25c.

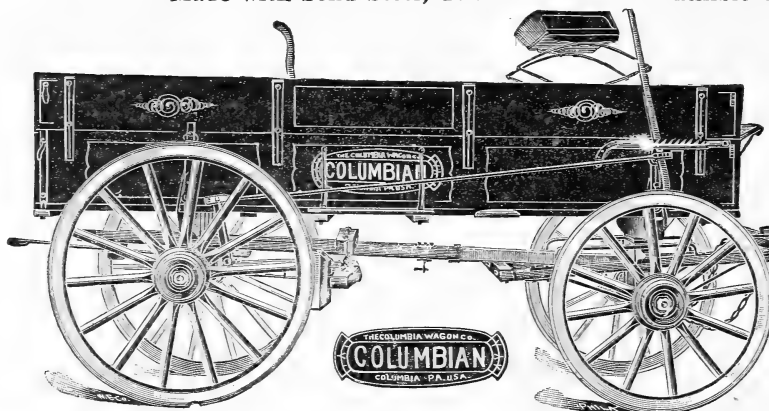


### Horse Halters

5-Ring, 1¼ in., \$1.50.  
5-Ring, 1½ in., \$1.25.  
5-Ring Russet, 75c.

## Columbian Wagons

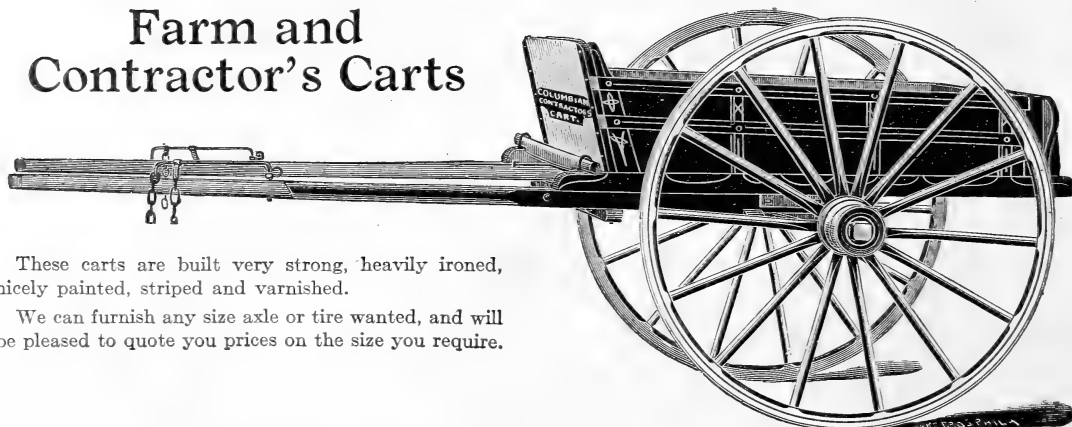
Made with Solid Steel, Tubular Steel and Thimble Skein Axles



A wagon of quality. For more than 18 years this wagon has been sold to the farmers and truckers about Washington and vicinity, and wherever you find one in use, the user will testify to its strength, light draft and handsome finish.

If you have to buy a wagon this year, come and take a look at the Columbian and get our prices. It will pay you to find out about them before making your purchase elsewhere. We carry all sizes in stock, from one to four horse.

## Farm and Contractor's Carts

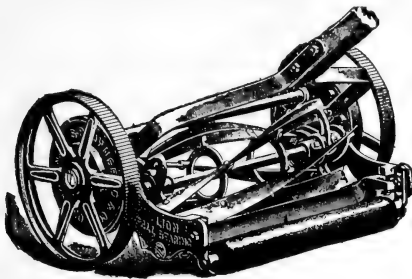


These carts are built very strong, heavily ironed, nicely painted, striped and varnished.

We can furnish any size axle or tire wanted, and will be pleased to quote you prices on the size you require.

# LAWN MOWERS

**Townsend's "Lion" Ball Bearing**



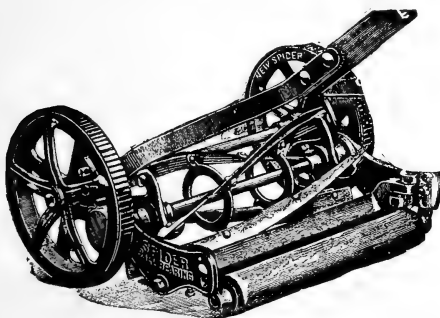
Is strong, powerful, magnificent. Reel,  $6\frac{1}{4}$ -inch diameter; hence it cuts tall, heavy grass with wondrous ease and majesty.

Five Wide Blades. Wider by  $\frac{3}{8}$  inch than any other, hence a stronger and more rigid reel, and one admitting of much grinding before the blade becomes thick.

We guarantee the Lion to do a greater variety of work and do it easier than any ball-bearing Mower on the market.

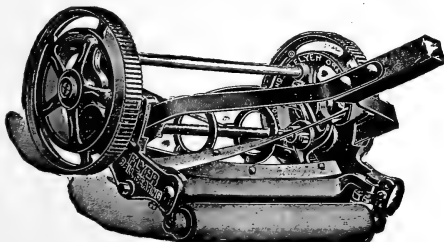
Easiest working. Finest finished. Longest lasting. Price, 16-inch, \$12.00; 18-inch, \$13.00.

**Townsend's "Spider" Ball Bearing**



The Spider Mower is light and strong, and glides over the lawn lightly, easily and almost noiselessly, reminding you strongly as it nips off the grass of the vigorous action of the ferocious and cunning little insect whose name it bears. Price, 16-inch, \$9.00.

**Townsend's "Flyer" Ball Bearing**

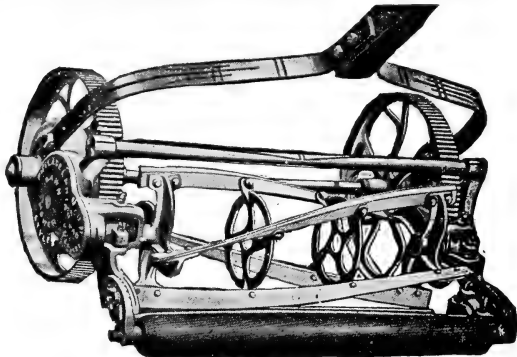


This gem of lawn mower construction is so built to give a ball-bearing mower at a very low price, that we can conscientiously sell and guarantee. It is the strongest, lightest running mower of its class. Has a 9-in. wheel,  $5\frac{1}{2}$ -in. reel, 4 blades, crucible steel, oil tempered; lower blade is also crucible steel, oil tempered. Price, 14-in., \$7.00.

## Philadelphia Style "New"

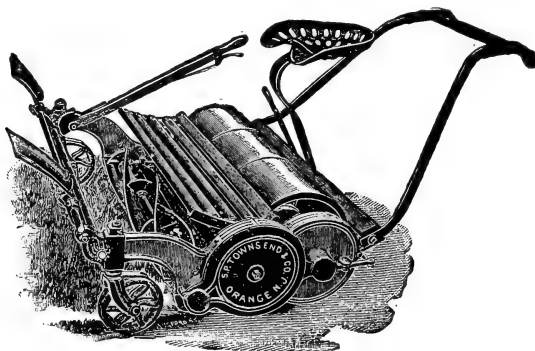
For the benefit of those who want a low-priced mower, and for those who have but little grass to cut, we offer the best mower made. While the prices are as low as "department store" prices, yet this mower will be found much better, both in quality of knives and quality of work. Prices 12-in., \$3.75; 14-in., \$4.00; 16-in., \$4.50.

**Philadelphia Style "A" All Steel**



All-steel, cylinder with 4 blades; driving wheel, 10 inches; diameter of cylinder,  $6\frac{1}{2}$  inches; train of three gears; double ratchet. Prices, 15-in., \$13.50; 17-in., \$14.50; 19-in., \$16.00; 21-in., \$17.50.

## Townsend Horse Lawn Mower



Its special features are: Triple rolls with triple pawls in each roll, making the most powerful and instantaneous driving mechanism ever put in a lawn mower. This feature maintains the motion of the blades even in turning sharp corners. A lever beside the driver enables him to cut any height from the ground and to easily and quickly raise the blades over stones or other obstructions without stopping the horse or leaving the seat. Large rolls 15 in. in diameter insure great power and ease of movement. Prices, 30-in., \$75.00, 35-in., \$82.50; 38-in., \$90.00, f. o. b. factory.

## Lawn Mower Grass Catcher

The E. Z. Catcher will fit every size of mower and consists of a galvanized iron bottom with canvas sides and back. The 16-in. will fit all sizes from 12 to 16 in.; 20-in. all sizes from 18 to 22 in. Each \$2.00.

## Horse Lawn Boots

For use on Golf Links, Tennis Courts and Fine Lawns. Where care is exercised in ordering by size to fit the horse's feet, perfect satisfaction will be found. Price, \$10.00 per set of four.

## Lawn Mower Sharpening and Repairing

We employ only practical men to attend to this work, those who thoroughly understand their business, and we guarantee all machinery repaired by us to do satisfactory work.

**Please notice that we deliver free to any Post Office in the United States, Vegetable and Flower Seeds offered in this catalogue by the packet, ounce and quarter pound. On Peas, Beans and Corn and all other Seeds add at the rate of 5 cents per pound if wanted by mail. Poultry Supplies, Grass Seeds, Farm Seeds, Potatoes, Implements, Insecticides, etc., go by Freight or Express at purchaser's expense.**

State on this line whether wanted by Mail, Express or Freight.

☛ While we exercise the greatest care to have all seeds pure and reliable, we sell no seeds with warranty express or implied as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants, we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the seeds on these terms they are at once to be returned.—G. EDWARD SCHULIZ & CO.

[illegible]











# Increase Your Crops Improve Your Soil

Give up the old, one-crop, soil-robbing system and adopt better methods.

**Diversify**, raise live stock, rotate your crops, grow Alfalfa, Cow Peas, Soy Beans, Peanuts, Clovers and other legume crops inoculated with

## Mulford Cultures

FOR LEGUMES

**Enrich your soil, at practically no cost, with humus and nitrogen,** the most expensive plant food you buy.

**Inoculated legume crops** will mean BIGGER LOADS of cotton, corn, oats and other crops for you, besides more and richer feed for your live stock. Build for the future as well as the present.

**Legumes with root nodules** enrich your soil by gathering nitrogen from the air and storing it in the soil for you, free—these root nodules are formed by the nitrogen-fixing bacteria in

## Mulford Cultures

FOR LEGUMES

**Pure, active, tested strains of living, vigorous, nitrogen-fixing bacteria** (harmless). Prepared and tested by the world's leading biological chemists. "THE EVIDENCE" will be sent you free, upon request.

**Mulford Cultures in 5-Acre packages at**

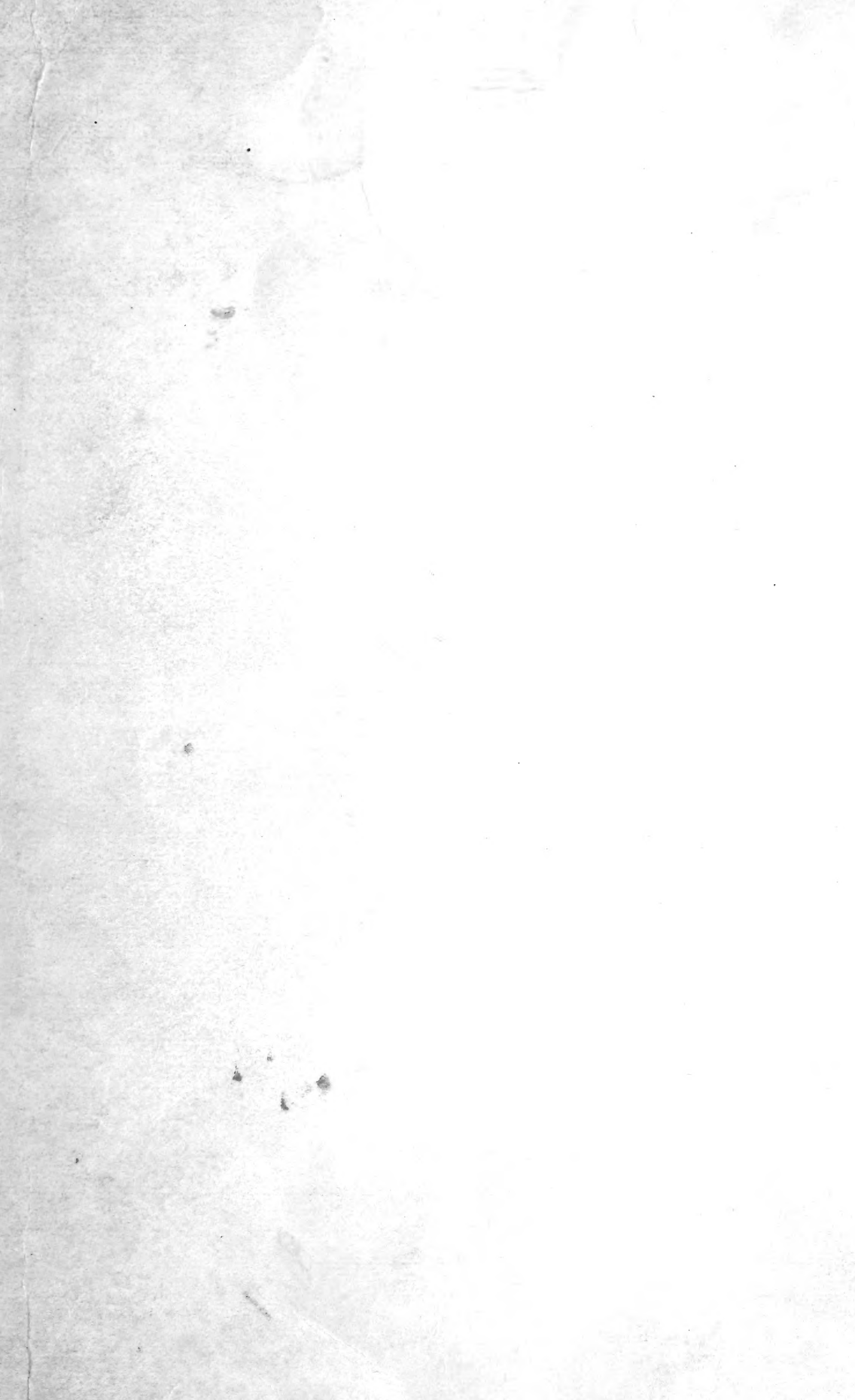
**"One Dollar Per Acre"**

In 1-Acre packages, \$1.50. Use no substitute—the best is cheapest for you.

**We sell "the best"**

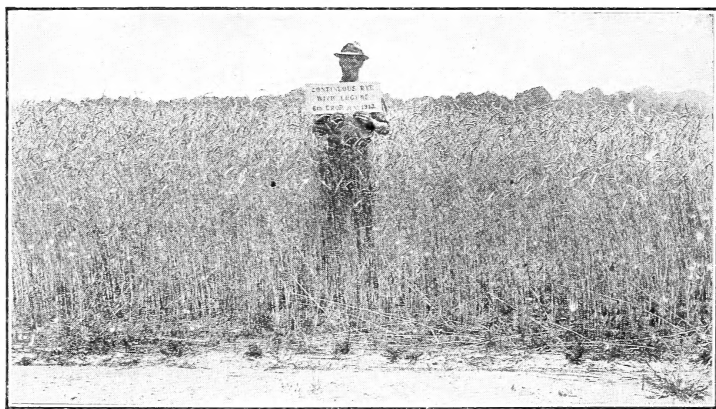
FOR SALE BY

SCHULTZ'S SEED STORE, 304 Tenth Street, Washington, D. C.





Continuous Rye. No nitrogen supplied.

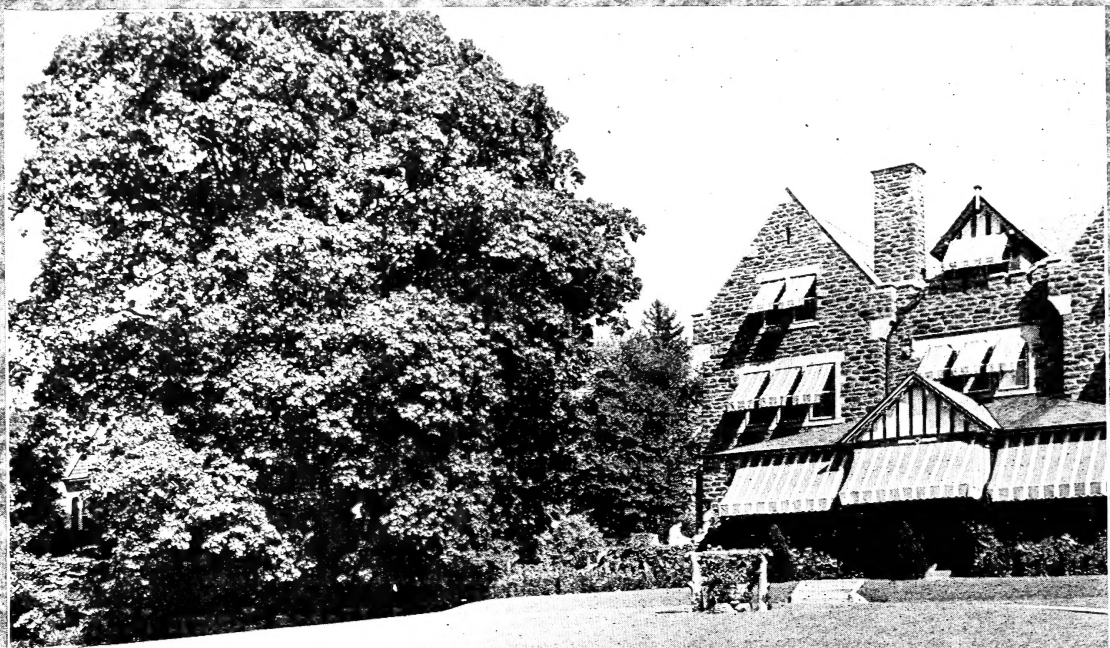


Continuous Rye. Nitrogen supplied by leguminous crop grown each year after harvesting the Rye.

The above illustrations are from a report of the New Jersey Agricultural College Experiment Station. Similar results were obtained with wheat. The yield of rye grain was nearly one-fourth greater, and the yield of wheat grain was more than double on the plots where legumes were grown. The experiment clearly shows that by growing legumes it is possible to increase the yield of succeeding non-legume crops, both in grain and in straw, and therefore in the amount of nitrogen accumulated.







SCHULTZ'S WHITE HOUSE LAWN GRASS MIXTURE



SCHULTZ'S SHADY PLACE GRASS MIXTURE